The tables below show the climate zone number for a wide variety of International locations. Additional information on international climatic zones can be found in ANSI/ASHRAE/IESNA Standard 90.1-2007 *Normative Appendix B – Building Envelope Climate Criteria*. The information below is from Tables B-2, B-3, and B-4 in that appendix.

International Climate Zone Definitions

Zone Number	Zone Name	Thermal Criteria (I-P Units)	Thermal Criteria (SI Units)
1A and 1B	Very Hot –Humid (1A) Dry (1B)	9000 < CDD50°F	5000 < CDD10°C
2A and 2B	Hot-Humid (2A) Dry (2B)	6300 < CDD50°F ≤ 9000	3500 < CDD10°C ≤ 5000
3A and 3B	Warm – Humid (3A) Dry (3B)	4500 < CDD50°F ≤ 6300	2500 < CDD10°C < 3500
3C	Warm – Marine (3C)	CDD50°F ≤ 4500 AND HDD65°F ≤ 3600	CDD10°C ≤ 2500 AND HDD18°C ≤ 2000
4A and 4B	Mixed-Humid (4A) Dry (4B)	CDD50°F ≤ 4500 AND 3600 < HDD65°F ≤ 5400	CDD10°C ≤ 2500 AND HDD18°C ≤ 3000
4C	Mixed – Marine (4C)	3600 < HDD65°F ≤ 5400	2000 < HDD18°C ≤ 3000
5A, 5B, and 5C	Cool-Humid (5A) Dry (5B) Marine (5C)	5400 < HDD65°F ≤ 7200	3000 < HDD18°C ≤ 4000
6A and 6B	Cold – Humid (6A) Dry (6B)	7200 < HDD65°F ≤ 9000	4000 < HDD18°C ≤ 5000
7	Very Cold	9000 < HDD65°F ≤ 12600	5000 < HDD18°C ≤ 7000
8	Subarctic	12600 < HDD65°F	7000 < HDD18°C

Marine (C) definition – Locations meeting all four of the following criteria:

- 1. Mean temperature of coldest month between 27°F (-3°C) and 65°F (18°C)
- 2. Warmest month mean < 72°F (22°C)
- 3. At least four months with mean temperatures over 50°F (10°C)
- 4. Dry season in summer. The month with the heaviest precipitation in the cold season has at least three times as much precipitation as the month with the least precipitation in the rest of the year. The cold season is October through March in the Northern Hemisphere and April through September in the Southern Hemisphere.

Dry (B) definition – Locations meeting the following criteria:

Not marine and

$$P < 0.44 \times (T - 19.5)$$
 [I-P units]
 $P < 2.0 \times (T + 7)$ [SI units]

Where:

P = annual precipitation in inches (cm) and T = annual mean temperature in °F (°C).

Moist (A) definition – Locations that are not marine and not dry.

Canadian Climate Zones

Province	
City	Zone

Alberta (AB)	
Calgary International A	7
Edmonton International A	7
Grande Prairie A	7
Jasper	7
Lethbridge A	6
Medicine Hat A	6
Red Deer A	7

British Columbia (BC)	
Dawson Creek A	7
Ft Nelson A	8
Kamloops	5
Nanaimo A	5
New Westminster BC Pen	5
Penticton A	5
Prince George	7
Prince Rupert A	6
Vancouver International A	5
Victoria Gonzales Hts	5

Manitoba (MB)	
Brandon CDA	7
Churchill A	9
Dauphin A	7
Flin Flon	7
Portage La Prairie A	7
The Pas A	7
Winnipeg International A	7

New Brunswick (NB)	
Chatham A	7
Fredericton A	6
Moncton A	6
Saint John A	6

Province	
City	Zone

Newfoundland (NF)	
Corner Brook	6
Gander International A	7
Goose A	7
St John's A	6
Stephenville A	6

Northwest Territories (NW)		
Ft Smith A	8	
Inuvik A	8	
Yellowknife A	8	

Nova Scotia (NS)	
Halifax International A	6
Kentville CDA	6
Sydney A	6
Truro	6
Yarmouth A	6

Nunavut	
Resolute A	8

Ontario (ON)	
Belleville	6
Cornwall	6
Hamilton RBG	5
Kapuskasing A	7
Kenora A	7
Kingston A	6
London A	6
North Bay A	7
Oshawa WPCP	6
Ottawa International A	6
Owen Sound MOE	6
Petersborough	6
St Catharines	5
Sudbury A	7
Thunder Bay A	7
Timmins A	7
Toronto Downsview A	6
Windsor A	5

Province	
City	Zone

Prince Edward (PE)			
Charlottetown A	6		
Summerside A	6		

Quebec (PQ)	
Bagotville A	7
Drummondville	6
Granby	6
Montreal Dorval Int'l A	6
Quebec A	7
Rimouski	7
Septles A	7
Shawinigan	7
Sherbrooke A	7
St Jean de Cherbourg	7
St Jerome	7
Thetford Mines	7
Trois Rivieres	7
Val d'Or A	7
Valleyfield	6

Saskatchewan (SK)			
Estevan A	7		
Moose Jaw A	7		
North Battleford A	7		
Prince Albert A	7		
Regina A	7		
Saskatoon A	7		
Swift Current A	7		
Yorkton A	7		

Yukon Territory (YT)	
Whitehorse A	8

Mexican Climate Zones

Country	
City	Zone

Mexico	
Mexico City (Distrito Federal)	3
Guadalajara (Jalisco)	1
Monterrey (Nuevo Laredo)	3

Country	
City	Zone

Mexico	
Tampico (Tamaulipas)	1
Veracruz (Veracruz)	4
Merida (Yucatan)	1

International Climate Zones

international Cilinat	20110				
Country		Country	1 -	Country	1 -
City	Zone	City	Zone	City	Zone
Argentina		Czech Republic		Ireland	
Buenos Aires/Ezeiza	3	Prague/Libus		Dublin Airport	5
Cordoba	3	Frague/Libus		Shannon Airport	4
Tucuman/Pozo	2	Dominican Republic		Shannon Airport	4
Tucuman/F020		Santo Domingo		Israel	
Australia		Santo Domingo		Jerusalem	3
Adelaide (SA)	4	Egypt		Tel Aviv Port	2
Alice Springs (NT)	2	Cairo		TCI / WIV T CIT	
Brisbane (AL)	2	Luxor		Italy	
Darwin Airport (NT)	1	Luxoi		Milano/Linate	4
Perth/Guildford (WA)	3	Finland		Napoli/Capodichino	4
Sydney/KSmith (NSW)	3	Helinski/Seutula		Roma/Fiumicion	4
Cydney/remail (11011)		Tiomiokii Coatala		Ttoma/ familion	<u> </u>
Azores (Terceira)		France		Jamaica	
Lajes	3	Lyon/Satolas	4	Kingston/Manley	1
	,	Marseille	4	Montego Bay/Sangster	1
Bahamas		Nantes	4	memoge _ siy comgeter	
Nassau	1	Nice	4	Japan	
	<u> </u>	Paris/Le Bourget	4	Fukaura	5
Belgium		Strasbourg	5	Sapporo	5
Brussels Airport	5			Tokyo	3
	<u>. </u>	Germany			•
Bermuda		Berlin/Schoenfeld	5	Jordan	
St George/Kindley	2	Hamburg	5	Amman	3
		Hannover	5		
Bolivia		Mannheim	5	Kenya	
La Paz/El Alto	5			Nairobi Airport	3
		Greece			
Brazil		Souda (Crete)	3	Korea	
Belem	1	Thessalonika/Mikra	4	Pyonggang	5
Brasilia	2			Seoul	4
Fortaleza	1	Greenland			
Porto Alegre	2	Narssarssuaq	7	Malaysia	1 .
Recife/Curado	1			Kuala Lumpur	1
Rio de Janeiro	1	Hungary		Penang/Bayan Lepas	1
Salvador/Ondina	1	Budapest/Lorinc	5	N. d. J. J.	
Sao Paulo	2	I I I		Netherlands	T -
Dulgaria		Iceland	7	Amsterdam/Schiphol	5
Bulgaria Sofia	5	Reykjavik	7	New Zealand	
Solia	3	India		Auckland Airport	
Chili		Ahmedabad	1	Christchurch	
Concepcion	4	Bangalore	1	Wellington	
Punta Arenas/Chabunco	6	Bombay/Santa Bruz	1	vveiiiigtori	I
Santiago/Pedahuel	4	Calcutta/Dum Dum	1	Norway	
Cartiago/i Caariaei		Madras	1	Bergen/Florida	5
China		Nagpur Sonegaon	1	Oslo/Fornebu	6
Shanghai	3	New Delhi/Safdarjung	1	C3IO/I CITICDO	1 0
S. Grigilai	\vdash	Dominoundarjung		Pakistan	
Cuba		Indonesia		Karachi Airport	Ι 1
Guantanamo Bay NAS		Djakarta/Halimperda			
(Ote)	1	(Java)	1		
L 1 7		Kupang Penfui (Sunda		Damus New Codes	
		Island)	1	Papua New Guinea	
Cyprus		Makassar (Celebes)	1	Port Moresby	1
Akrotiri	3	Medan (Sumatra)	1		
Larnaca	3	Palembang (Sumatra)	1	Paraguay	
Paphos	3	Surabaga Perak (Java)	1	Asuncion/Stroessner	1

International Climate Zenes (cent.)

International Climat	e Zone	es (cont.)				
Country		Country		Country		
City	Zone	City	Zone	City	Zone	
Peru	•	Singapore		Thailand		
LimaCallao/Chavez	2	Singapore/Changi	1	Bangkok	1	
San Juan de Marcona	2		-			
Talara	2	South Africa		Tunisia		
		Cape Town/D F Malan	4	Tunis/El Auoina	3	
Philippines						
Manila Airport (Luzon)	1	Pretoria	3	Turkey		
				Adana	3	
Poland Spain		Spain		Ankara/Etimesgut	4	
Krakow/Balice	5	Barcelona	4	Istanbul/Yesilkoy	4	
		Madrid	4			
Romania		Valencia/Manises	3	United Kingdom		
Bucuresti/Bancasa	5			Birmingham (England)	5	
		Sweden		Edinburgh (Scotland)	5	
Russia		Stockholm/Arlanda	6	Glasgow Airport (Scotland)	5	
Kaliningrad (E. Prussia)	5			London/Heathrow (England)	4	
Krasnoiarsk	7	Switzerland		(England)	<u> </u>	
Moscow Observatory	6	Zurich	5	Uruguay		
Petropavlovsk	7			Montevideo/Carrasco	3	
RostovNaDonu	5	Syria				
Vladivostok	6	Damascus Airport	3	Venezuela		
Volgograd	6	•	<u>'</u>	Caracas/Maiquetia	1	
		Taiwan				
Saudia Arabia		Tainan	1	Vietnam		
Dhahran	1	Taipei	2	Hanoi/Gialam	1	
Riyadh	1			Saigon (Ho Chi Minh)	1	
		Tanzania				
•		Dares Salaam	1 1			
Senegal Kakar/Yoff		Daics Galaam				