



Property Risk Consulting Guidelines

A Publication of AXA XL Risk Consulting

PRC.15.2.3.3

EARTHQUAKE HAZARD ZONES - CARIBBEAN, CENTRAL AMERICA, AND SOUTH AMERICA

Anguilla

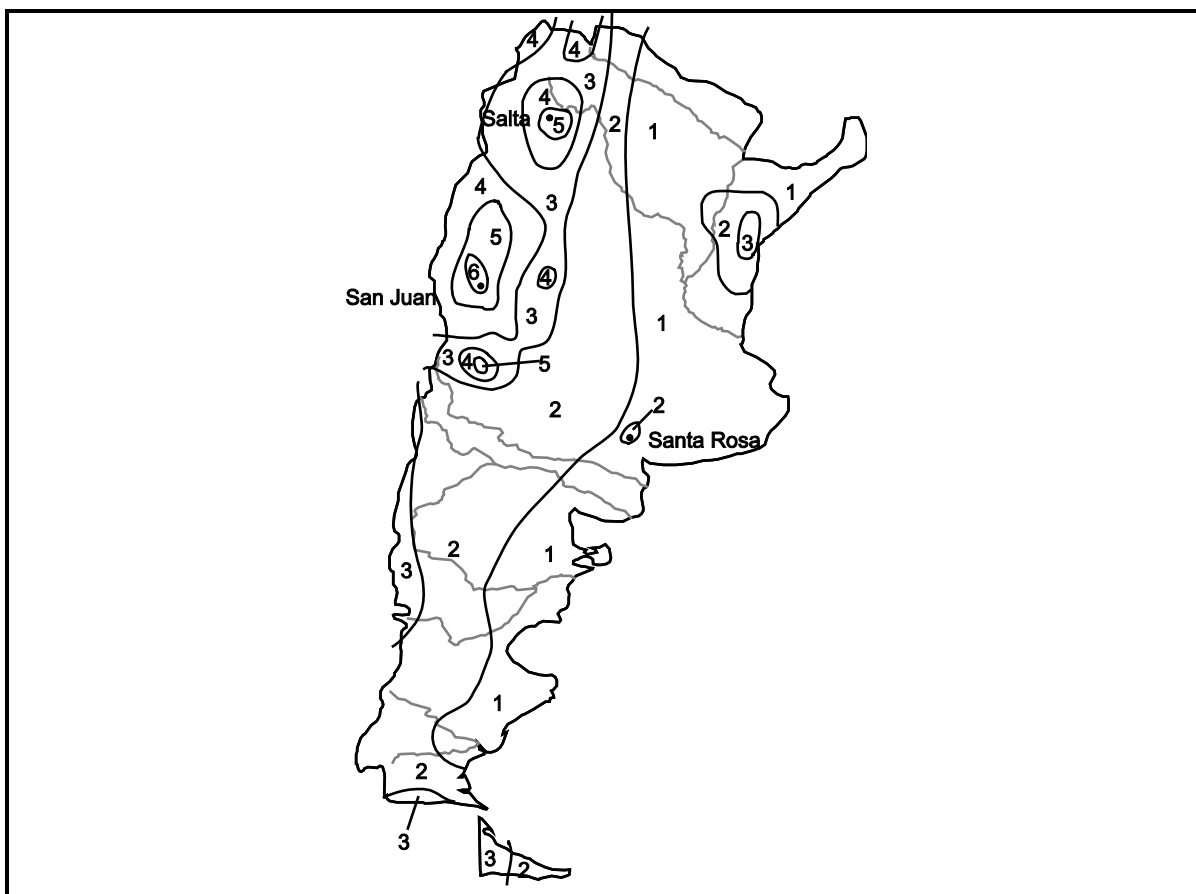
Hazard Zone 5

Antigua

Hazard Zone 5

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Argentina



Argentina

Hazard Zones 1,2,3,4,5,6

Cities:

Buenos Aires	1	Salta.....	5
Catamarca	4	San Juan.....	6
Cordoba.....	3	Santa Rosa	2
El Turbio	2	San Luis.....	4
Esquel.....	3	San Miguel del	
General Roca	2	Tucuman	3
Jachel	6	San Rafael	5
La Rioja	5	San Salvador	
Mendoza.....	6	de Jujuy.....	5
Mercedes.....	3	Santiago del	
Neuquen.....	2	Estero	2
Rio Cuarto	3	Sarmiento	2
Rio Gallegos.....	2	Tartagal.....	3
Rio Grande	3	Ushuaia.....	3

Aruba

Hazard Zone 4

Bahamas*

Hazard Zone 1

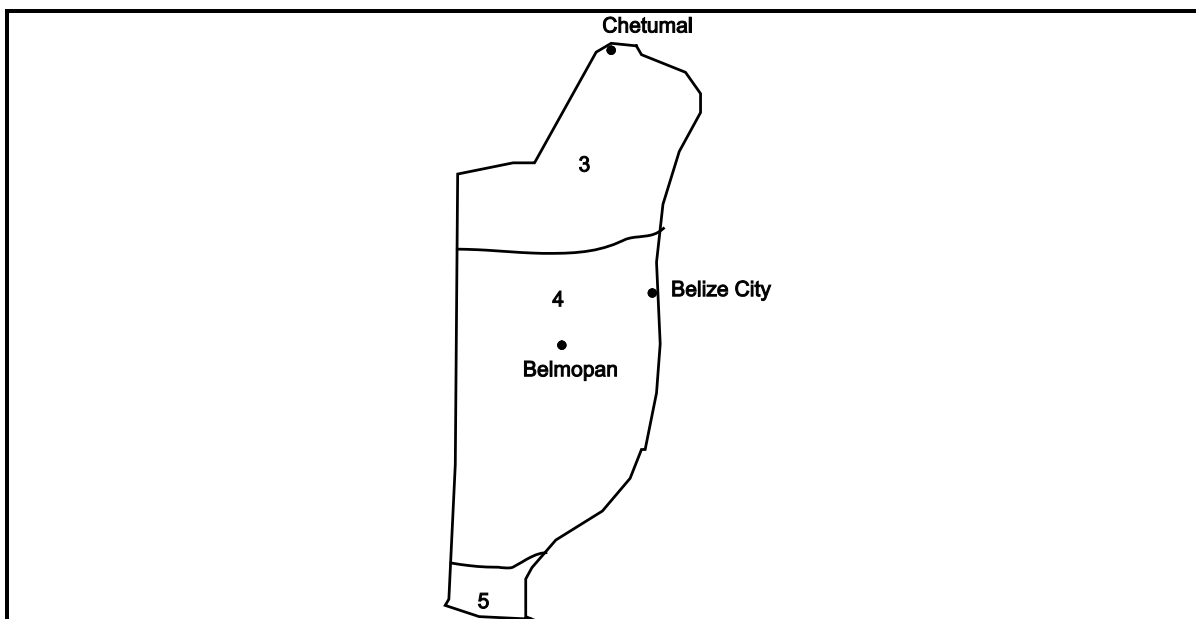
Barbados

Hazard Zone 5

Barbuda

Hazard Zone 5

Belize



Hazard Zones 3,4,5

Cities:

Belize City 4
 Belmopan 4
 Chetumal 3

Bermuda

Hazard Zone 3

* The Bahamas may be considered virtually Earthquake free and have been indicated as Zone 1, similar to Florida. The Bahamas are considered consisting of: Grand Bahama, Andros Island, Great Abaco, Little Abaco, Eleuthera, Cat Island, Long Island, Crooked Island, Acklins Island, Mayaguana and Great Inagua.

Bolivia



Hazard Zones 1,2,3,4,5,6

Cities:

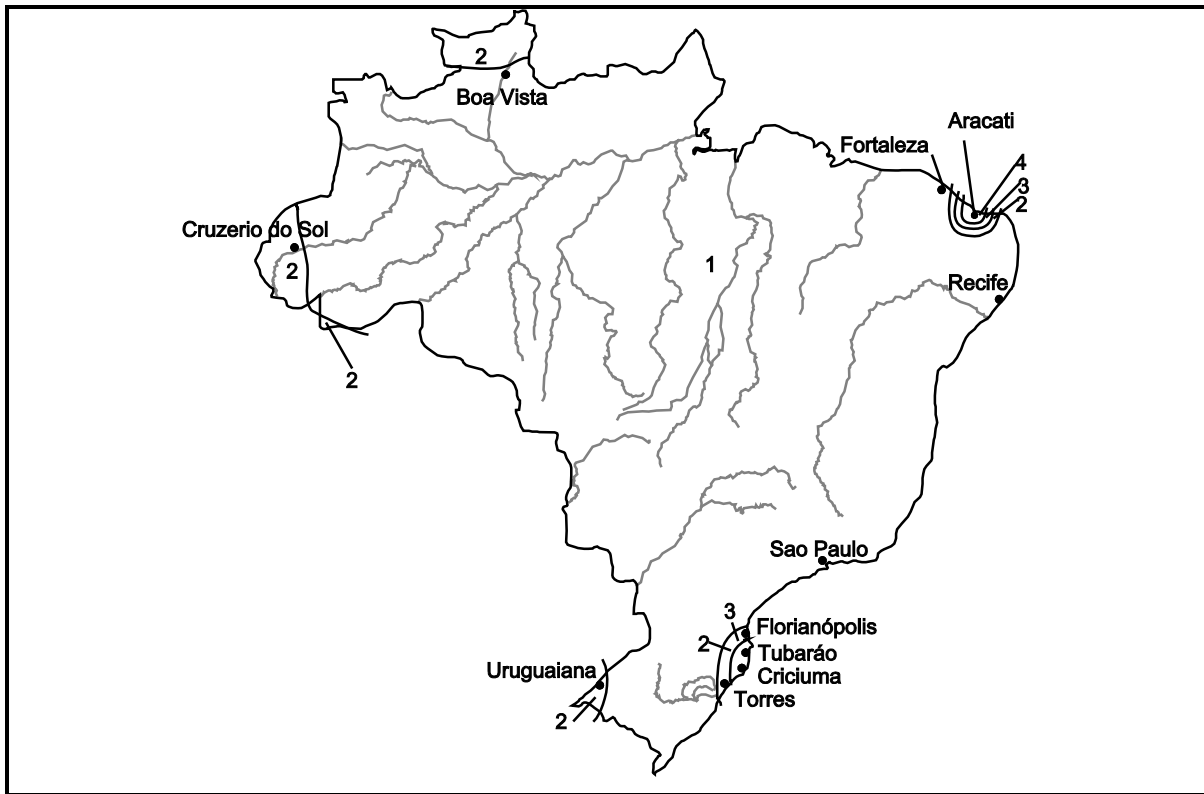
Cochabamba 4
 La Paz 3
 Oruro 1
 Potasi..... 4

San Lucas..... 2
 Santa Cruz..... 4
 Sucre..... 5
 Tarija..... 2

Bonaire (Neth. Antilles)

Hazard Zone 4

Brazil*



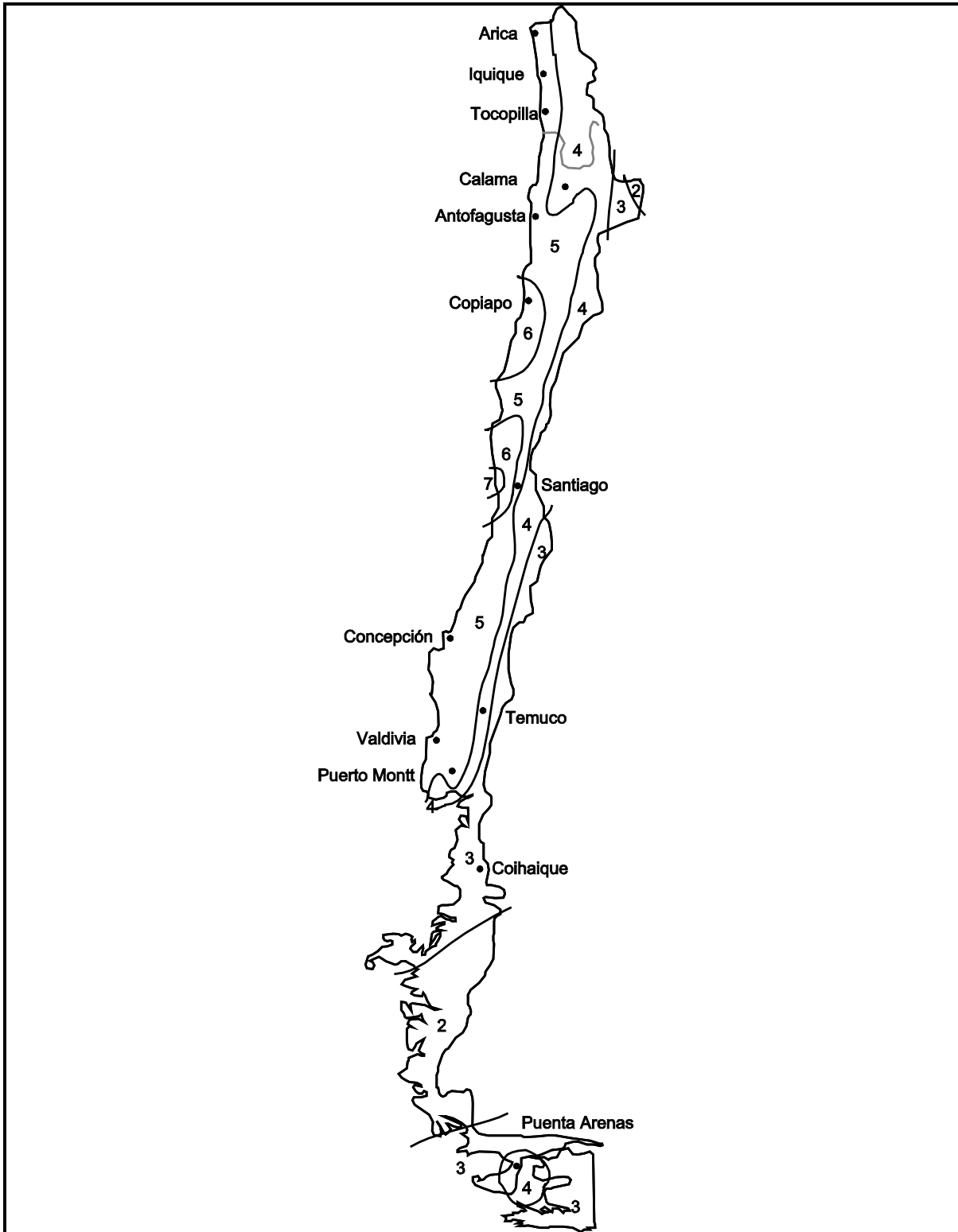
Hazard Zones	1,2,3,4	
Cities:		
Aracati	4	Recife..... 1
Boa Vista	1	Sao Paulo
Criciúma	3	Torres..... 2
Cruzeiro do Sul.....	2	Tubarão..... 3
Florianópolis	2	Uruguaiana
Fortaleza.....	1	

Caicos Islands

Hazard Zone	4
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* Areas of east and southeast Brazil have no clear isoseismal zones. The regions are characterized as of low MM intensity with higher "point" intensities of a local nature.

Chile



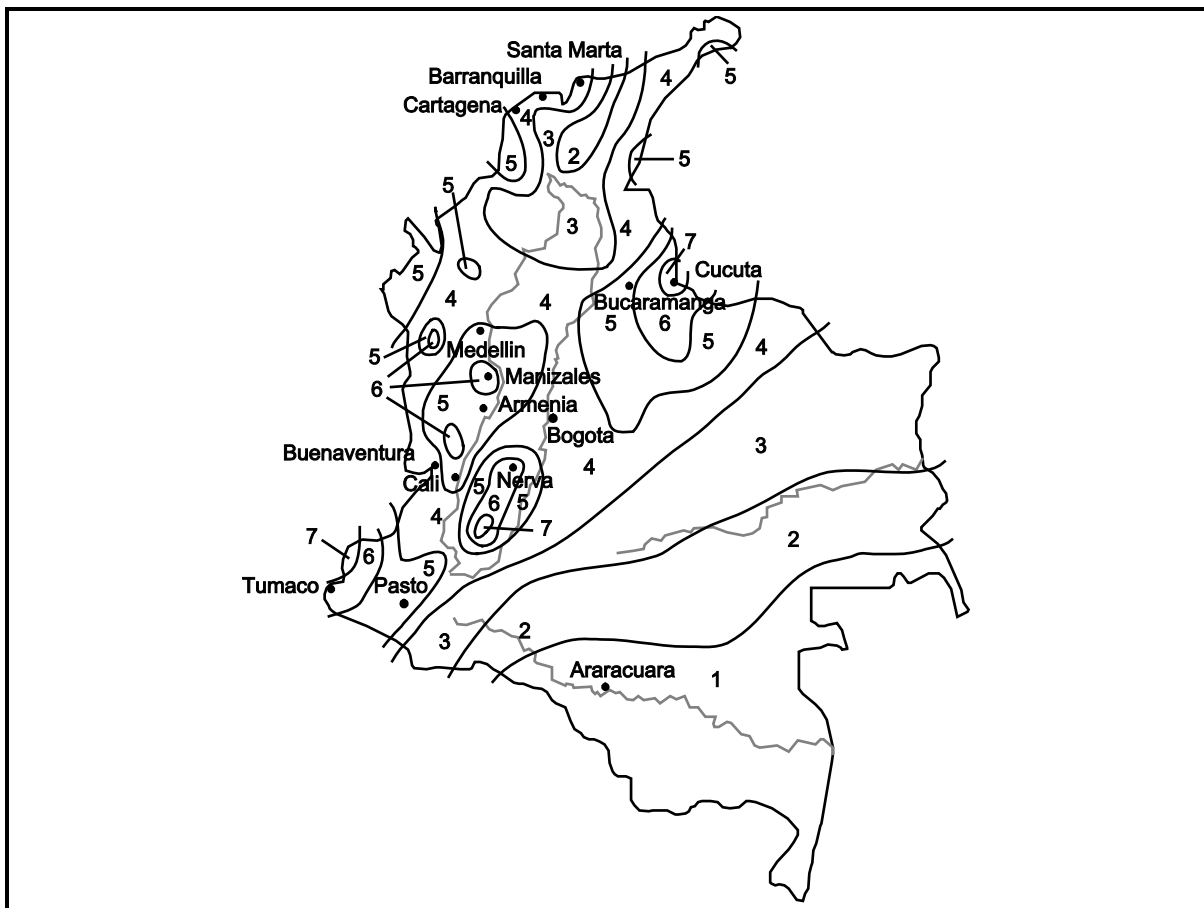
Chile (Cont'd.)

Hazard Zones 2,3,4,5,6,7

Cities:

Ancud	5	Mejillones	2
Antofagusta	5	Osorno	5
Arica	5	Puerta Arenas	4
Calama	4	Puerto Montt	5
Chillan.....	5	Rancagua	5
Chuquicamata	4	Santiago.....	5
Coihaique	3	Talca	5
Concepción.....	5	Talcahuano	5
Copiapo	6	Taltal	5
Coquimbo	5	Temuco.....	4
Iquique.....	5	Tocopilla.....	5
La Serena.....	5	Valdivia	5
Los Angeles.....	5	Valparaiso.....	6
		Vina del Mar.....	6

Colombia



Colombia (Cont'd.)

Hazard Zones 1,2,3,4,5,6,7

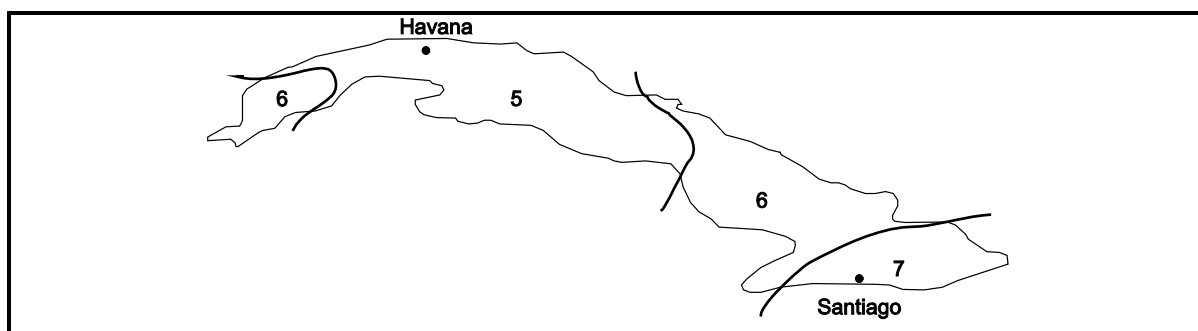
Cities:

Araracuara.....	1	Medellin.....	5
Armenia.....	5	Nerva.....	6
Barranquilla.....	4	Orocue.....	3
Bello.....	5	Pasto.....	5
Bogota.....	4	Pereira.....	6
Bucaramanga.....	5	Puerto Carreno.....	3
Buenaventura.....	4	Puerto Mercedes.....	2
Cali.....	5	San Pedro de	
Cartagena.....	4	Arimenta.....	3
Cordoba.....	3	Santa Marta.....	4
Cucuta.....	7	Tumaco.....	6
Manizales.....	6		

Costa Rica

Hazard Zone 6

Cuba



Hazard Zones 5,6,7

Cities:

Havana.....	5
Santiago.....	7

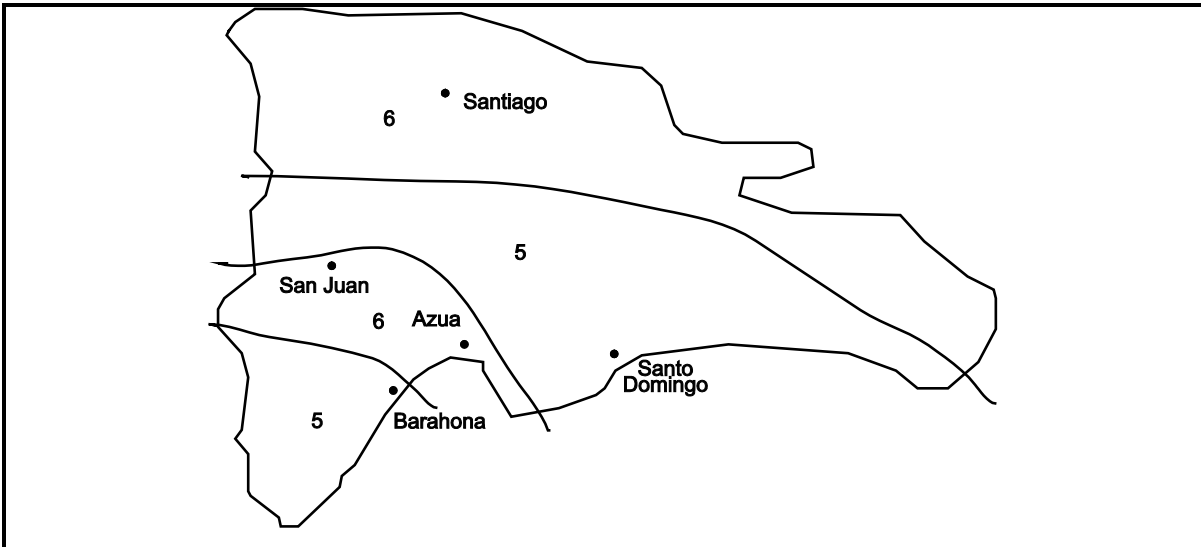
Curacao

Hazard Zone 5

Dominica

Hazard Zone 5

Dominican Republic

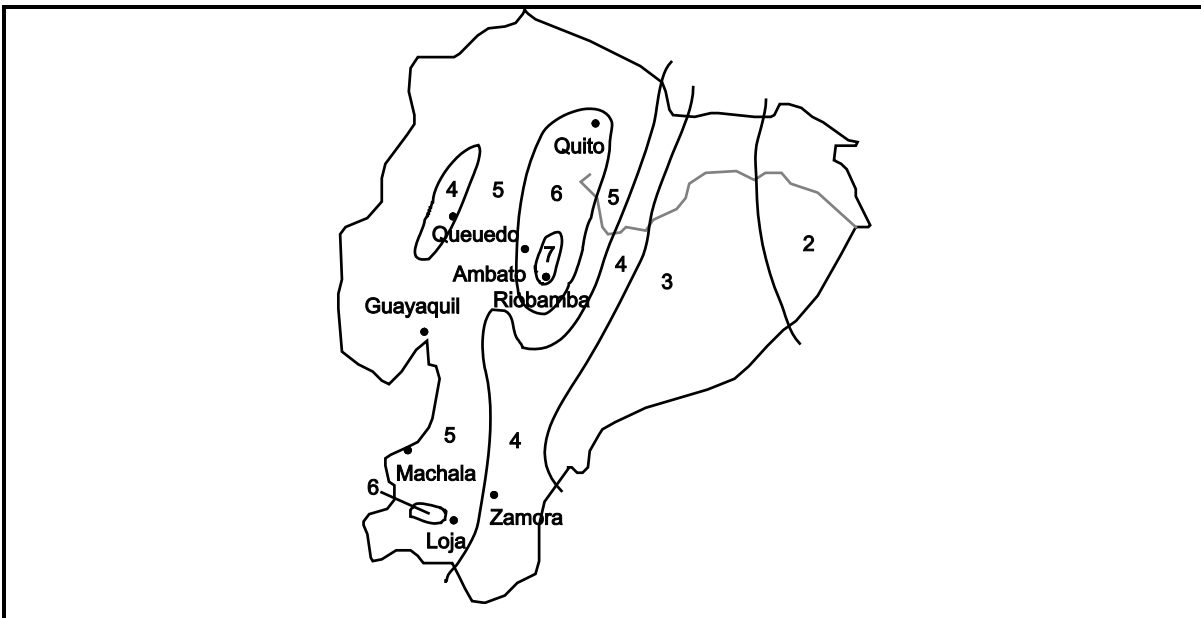


Hazard Zones 5,6

Cities:

Azua.....	6
Barahona	5
San Juan.....	6
Santiago.....	6
Santo Domingo.....	5

Ecuador



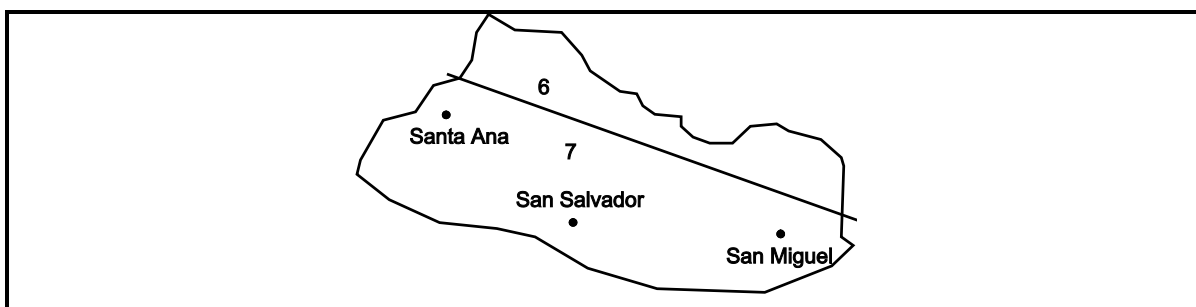
Ecuador (Cont'd)

Hazard Zones 2,3,4,5,6,7

Cities:

Ambato	6	Machala	5
Azogues.....	4	Manta	5
Cuenca	4	Quevedo	4
Esmeraldas.....	5	Quito	6
Guayaquil	5	Riobamba	7
Loja.....	6	Tulcan	5
Macas	4	Zamora.....	4

El Salvador



Hazard Zones 6,7

Cities:

Santa Ana	7
San Miguel.....	7
San Salvador	7

Falkland Islands

Hazard Zone 3

French Guiana

Hazard Zone 1

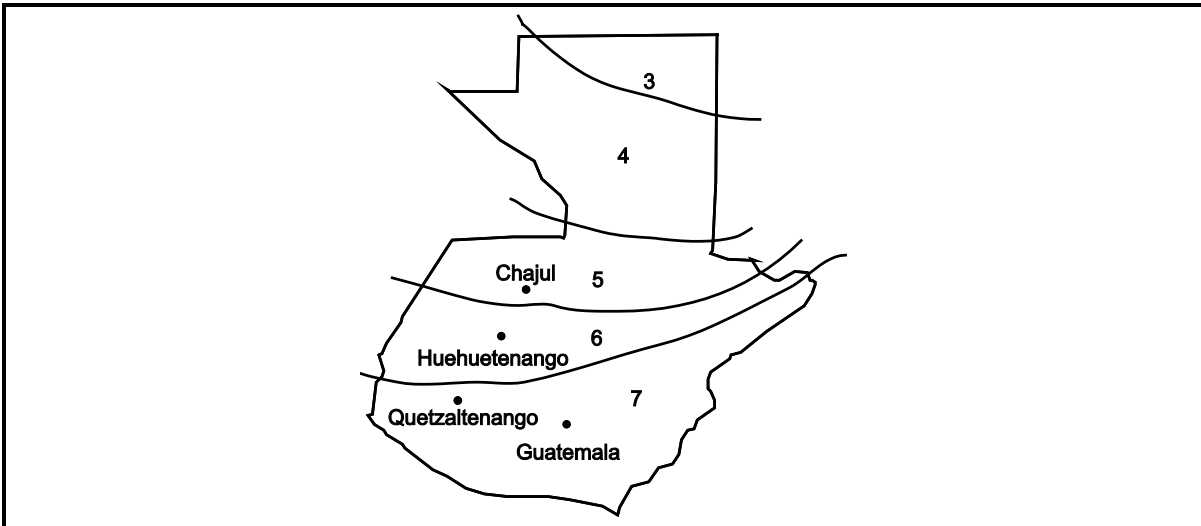
Grenadines

Hazard Zone 5

Guadeloupe

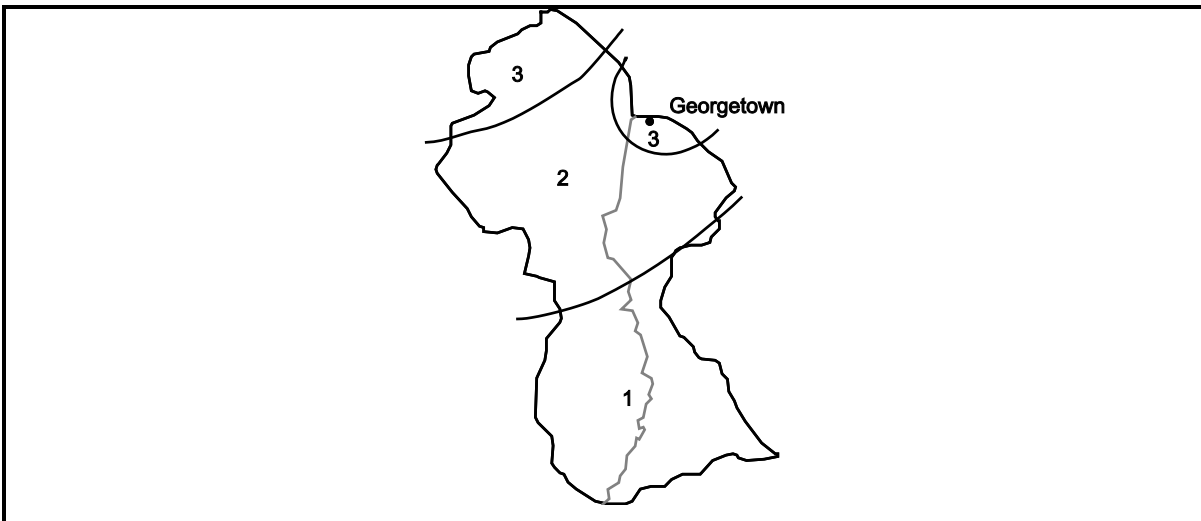
Hazard Zone 5

Guatemala



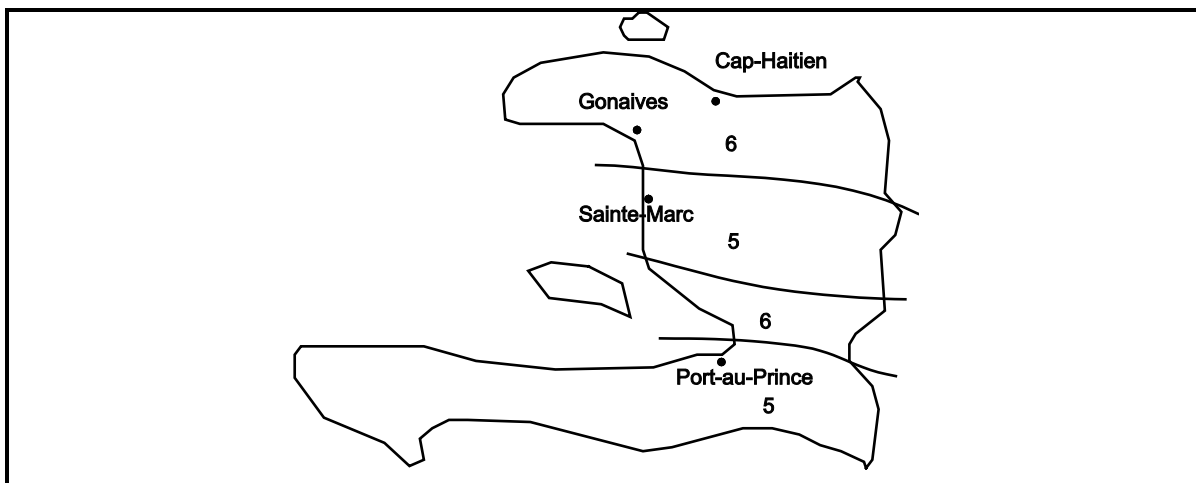
Hazard Zones	3,4,5,6,7
Cities:	
Chajul.....	5
Guatemala	7
Huehuetenango	6
Quetzaltenango	7

Guyana



Hazard Zones	1,2,3
Cities:	
Georgetown	3

Haiti

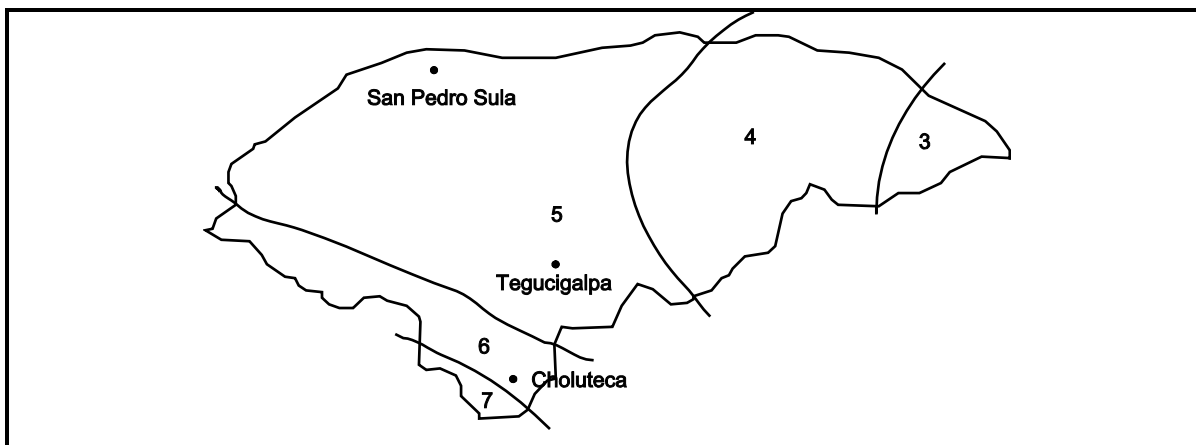


Hazard Zones 5,6

Cities:

Cap-Haitien.....	6
Gonaives.....	6
Port-au-Prince	5
Sainte-Marc	5

Honduras



Hazard Zones 3,4,5,6,7

Cities:

Choluteca.....	7
San Pedro Sula	5
Tegucigalpa	5

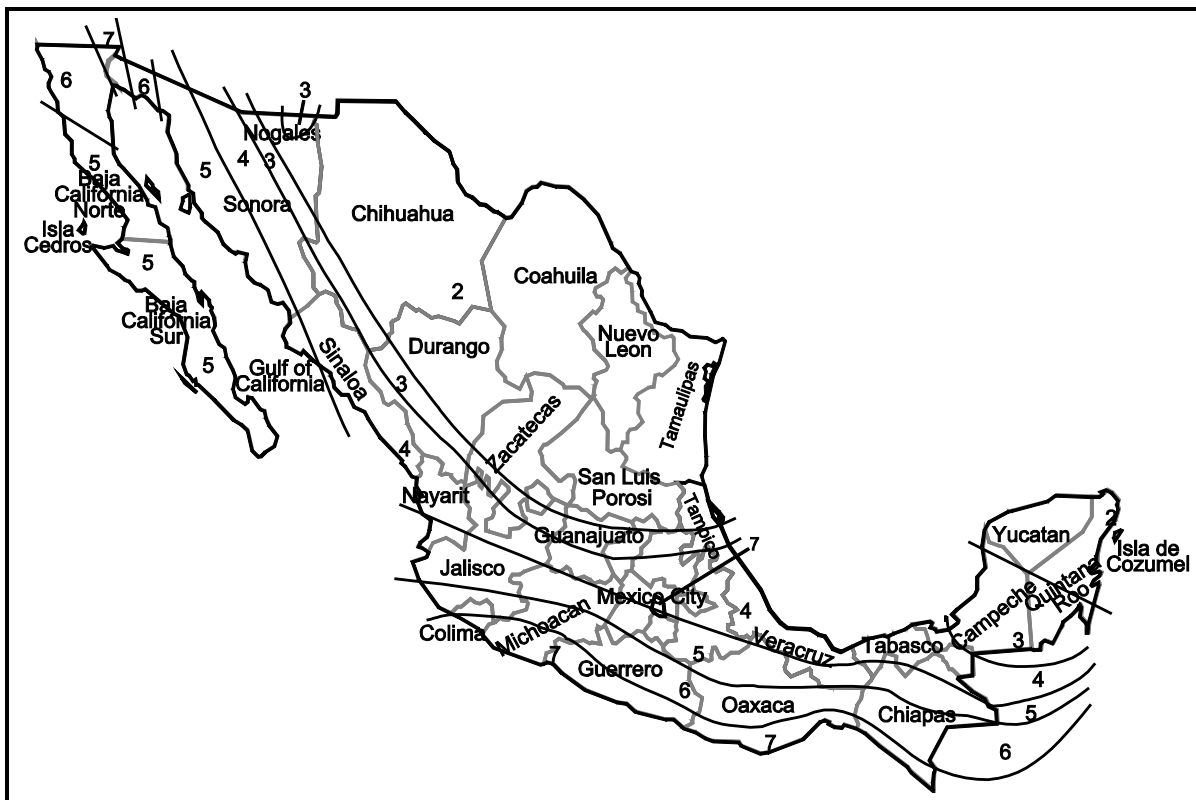
Jamaica

Hazard Zone 5

Martinique

Hazard Zone 5

Mexico



Hazard Zones 2,3,4,5,6,7

States:

Aquascalientes (west 1/3) 3
 Aquascalientes 2

Baja Calif. 5,6,7
 Ensenada 6
 Mexicali 7
 Puertecitos 6
 Tijuana 6

Baja Calif. - South 5

Campeche 3,4
 Campeche 4
 Chiapas 4,5,6,7
 Palenque 4
 San Cristobal 5
 Tapachula 7
 Tuxtla Gutierrez 6
 Villa Flores 6

Mexico (Cont'd.)

Chihuahua.....	2,3	Nayarit	4,5
Chihuahua	2	Jala	5
Coahuila	2	North	4
		Tepic	5
Colima	6,7	Oaxaca	5,6,7
Colima	6	Coajinicuilapa	7
Manzanillo	7	Ejutla	7
Durango	2,3,4	Juchitan.....	7
Durango.....	2	Oaxaca.....	6
Federal District.....	6,7	Ocotlan.....	6
Mexico City	7	Salina Cruz	7
Toluca.....	6	Tehuantepec.....	7
Guanajuato	2,3,4	Tenuantepec.....	7
Guanajuato	3	Tuxtepec	5
Leon.....	3	Puebla	4,5
Salamanca.....	4	Atlixco	5
San Felipe	2	Matamoros.....	5
San Luis de la Paz	2	Puebla.....	4
Guerrero.....	5,6,7	Teziutlan	4
Acapulco.....	7	Zacatlan	4
Chilpancingo.....	6	Queretaro	2,3,4
Igula	5	Queretaro.....	4
Hidalgo	2,3,4	San Rio	4
Pachuca.....	4	Quintana Roo	2,3
Jalisco	2,3,4,5,6	Cancun.....	2
Autlan	6	Chetuma	3
Guadalajara	5	San Luis Potosi.....	2
La Huerta.....	6	Sinaloa	4,5
Lagos Moreno.....	3	Culiacan	4
Puerto Vallarta.....	5	Los Mochis.....	5
San Juan de Los Lagos.....	4	Mazatlan	4
Tepatitlan.....	4	Sonora	2 - 7
Zapopan	5	Altar.....	4
Michoacan.....	5,6,7	Ciudad Obregon	5
Apalzingan.....	6	Cobarca	5
Maravatio.....	4	Guaymas.....	5
Morelia.....	5	Gulfo de sta. Clara.....	7
Playa Azul.....	7	Hermosillos	5
Uruapan.....	5	Lagunitas	7
Zitacharo.....	5	Los Hoyas.....	3
Mexico.....	4,5	Navojoa.....	5
Morelos	4,5	Nogales.....	2
Cuernayaca	5	Puerto Penasco	5
		Rito.....	7
		San Louis Rio Colorado.....	6

Mexico (Cont'd.)

Tabasco	4,5	Poza Rica	3
Comalcalco	4	Sayula	5
Gardenas	4	Tuxpan	2
Huimanguillo	4	Vera Cruz	4
Macuspana	4	Yucatan	2
Teapa	5	Zacatecas	2,3,4
Villahermosa	4	Tabasco	3
Tlaxcala	4	Tepechitlan	4
Vera Cruz	2,3,4,5	Zacatecas	2
Jalapa	4		
Minatitlan	4		

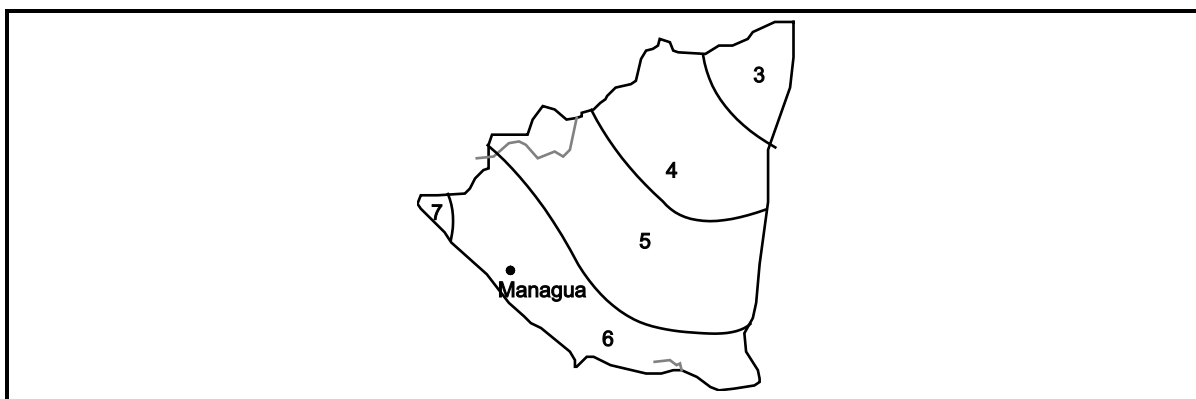
Montserrat

Hazard Zone	5
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Nevis

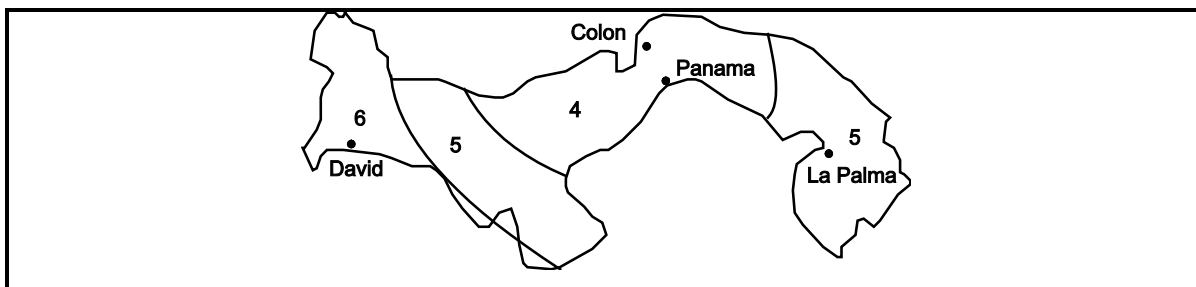
Hazard Zone	5
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Nicaragua



Hazard Zones	3,4,5,6
Cities:	
Managua	6

Panama



Hazard Zones 4,5,6

Cities:

Colon 4

David..... 6

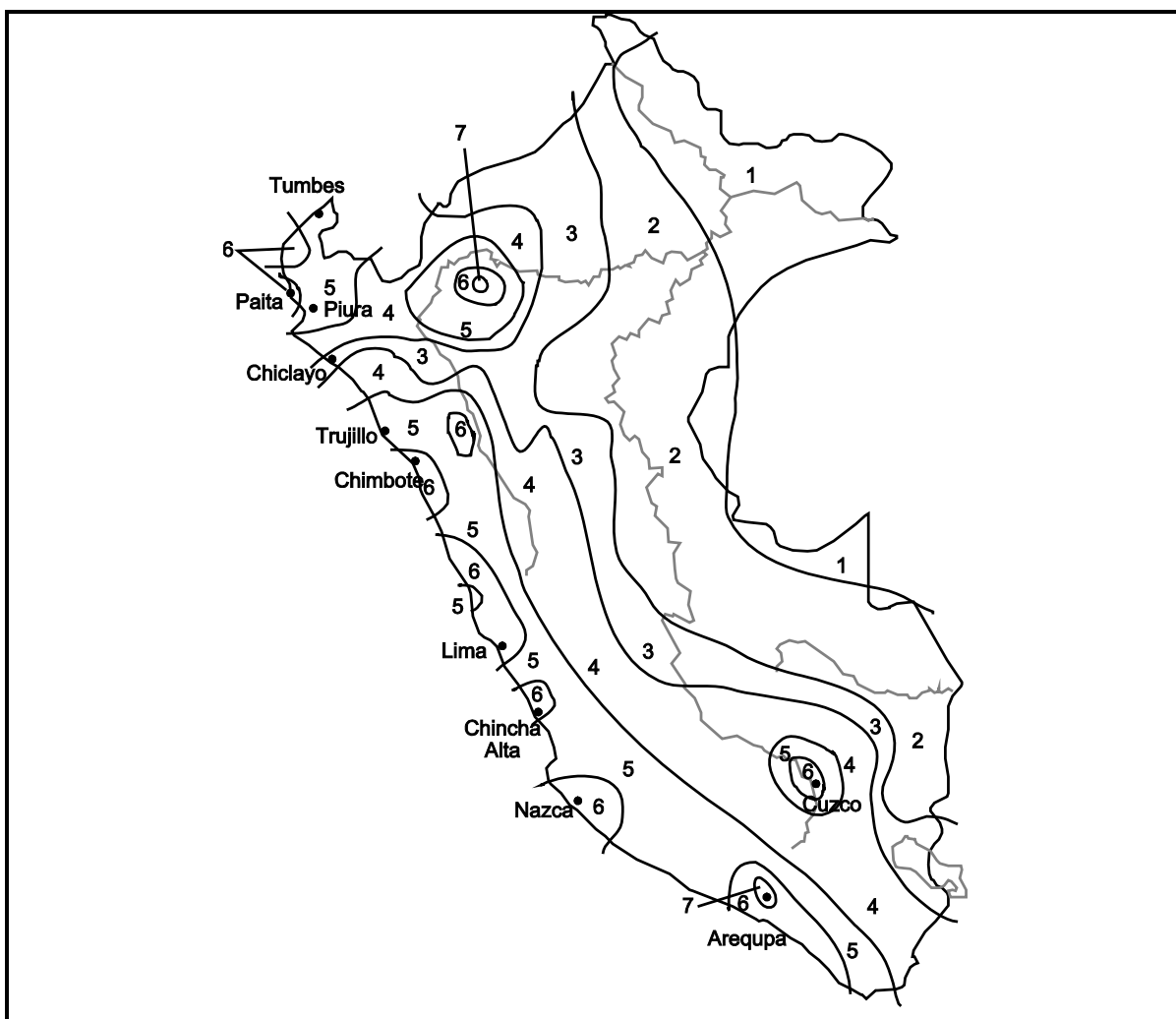
La Palma..... 5

Panama 4

Paraguay

Hazard Zone 1

Peru



Hazard Zones 1-7

Cities:

Arequipa	7	Mollendo	6
Callao	6	Moyobamba	5
Chachapoyas.....	5	Nazca.....	6
Chiclayo.....	3	Paíta.....	6
Chimbote	6	Piura.....	5
Chincha Alta	6	Pucallpa	3
Cuzco	6	Puerto Maldonado	2
Huancavelica	3	Tacna	6
Huancayo	4	Talara.....	5
Huanuco	4	Trujillo	5
Iquitos	1	Tumbes.....	5
Lima	6	Yurimaguas.....	3

Saint Barthelemy

Hazard Zones 5

Saint Croix

Hazard Zones 6

Saint Eustatius

Hazard Zones 5

Saint Kitts

Hazard Zones 5

Saint Lucia

Hazard Zones 5

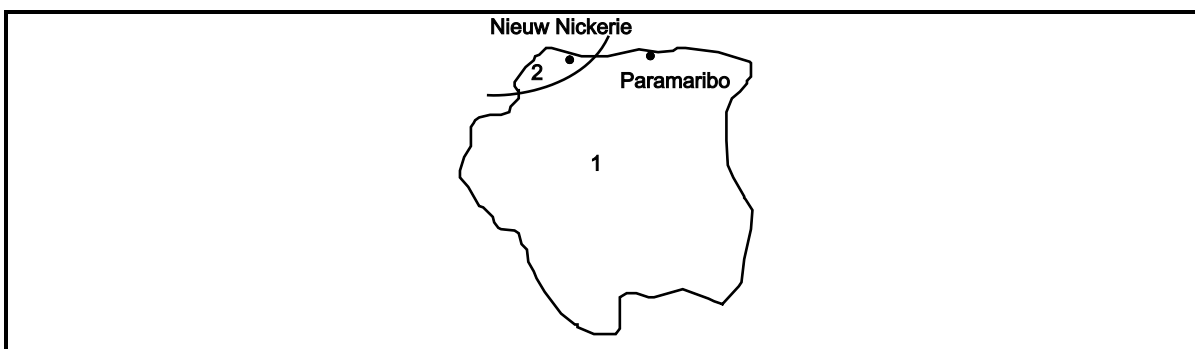
Saint Martin

Hazard Zones 5

Saint Vincent

Hazard Zones 5

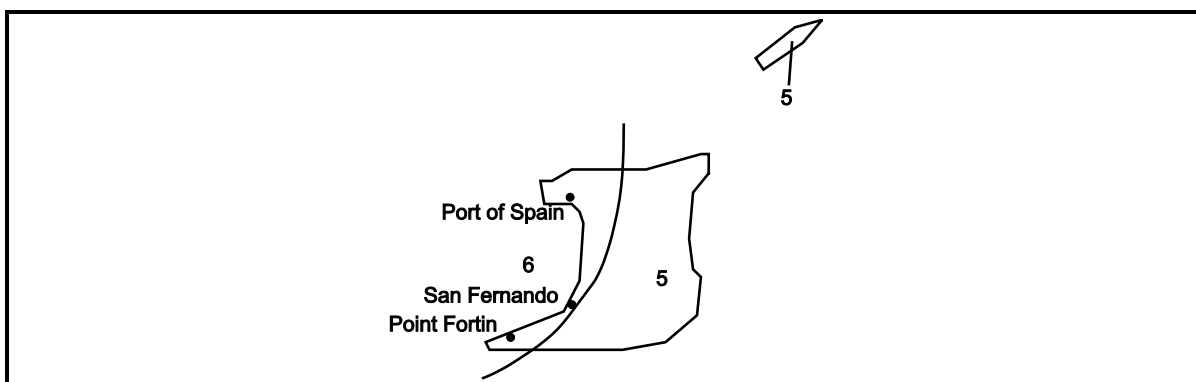
Suriname



Suriname (Cont'd.)

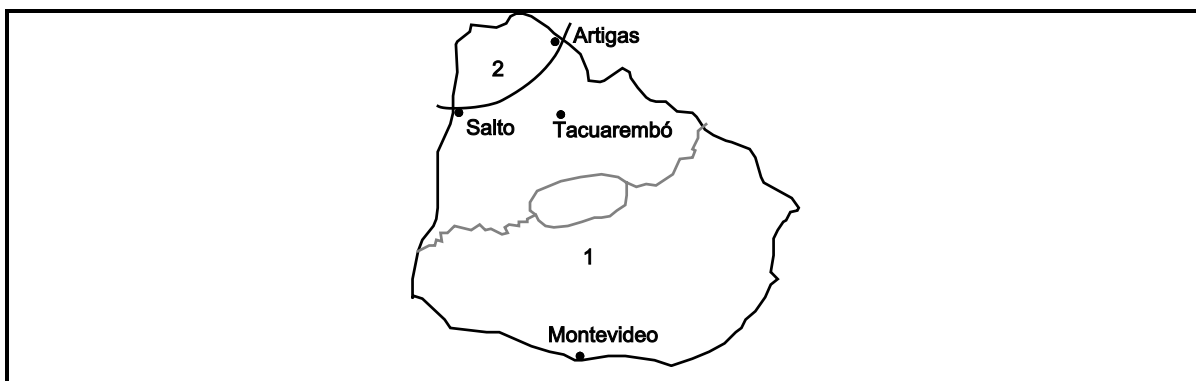
Hazard Zones	1,2
Cities:	
Nieuw Nickerie.....	2
Paramaribo	1

Trinidad And Tobago



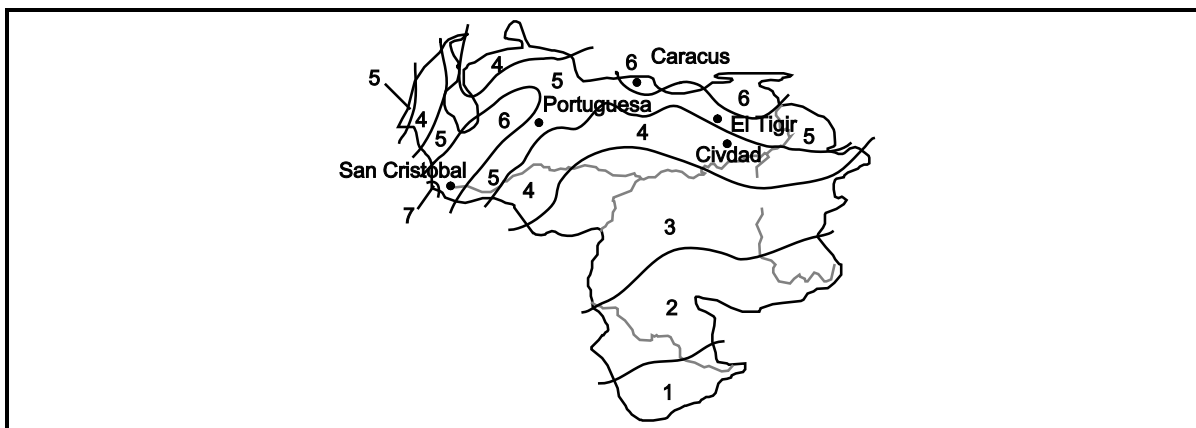
Hazard Zones	5,6
Cities:	
Point Fortin	6
Port of Spain.....	6
San Fernando.....	6
Tobago.....	5

Uruguay



Hazard Zones	1,2
Cities:	
Artigas.....	2
Montevideo	1
Salto.....	1
Tacuarembó.....	1

Venezuela



Hazard Zones 1,2,3,4,5,6,7

Cities:

Barcelona	6	Isle de Margarita	6
Barinas	5	Maracaibo	5
Barquisimeto.....	6	Maracay	5
Caracas	6	Maturin	6
Ciudad Bolivar	4	Portuguesa	5
Ciudad Guayana.....	5	Puerto Ayacucho	3
Cividad.....	4	San Cristóbal	6
Coro	5	San Fernando de Apure	3
Cumana	6	Trujillo	6
El Tigr	5	Valencia	5

Virgin Islands*

Hazard Zone 6

* The Virgin Islands consists of St. Croix (U.S.), St. Johns (U.S.), St. Thomas (U.S.) and the British possessions of Anegada (UK), Tortola (UK), and Virgin Gorda (UK). The islands Isla de Culabra and Isla de Viegues are part of Puerto Rico.