

Contents

Introduction

How to Use This Atlas	4-5
Understanding Map Projections	6
Issues Today ■ Map Projections	7
Detailed Legends	8
Thematic Maps	9

World 10-49

World Reference Maps

Political Relief Map	12-13
Land Cover Map	14-15
Elevation Map	16-17

World Matters

Elevation and Landforms	18-19
The Moving Earth	20-21
Oceans	22-23
Weather Patterns	24-25
Climate	26-27
Energy Resources	28-29
Metals	30-31
Using the Land	32-33
Environmental Issues	34-35
Growing Population	36-37
Health Concerns	38-39
Feeding the World	40-41
Rich and Poor	42-43
Global Economy	44-45
Cultural Diversity	46-47
Human Migration	48-49

North America 50-117

Political Relief Map	52
Land Cover Map	53
Elevation Map and Cross Section	54
Thematic Maps	55-58
Issues Today ■ Immigration	59

Canada

Political Relief Map	60-61
Land Cover Map	62
Elevation Map and Cross Section	63
Thematic Maps	64-67
Regional Maps	
Western Canada	68-69
Central Canada: Ontario	70
Central Canada: Québec	71
Eastern Canada	72
Issues Today ■ Mining	73

United States

Political Relief Map	74-75
Land Cover Map	76-77
Elevation Map and Cross Section	78-79
Thematic Maps	80-87
Regional Maps	
Northeastern U.S.	88-89
East Central U.S.	90-91
Southeastern U.S.	92-93
South Central U.S.	94-95
Central U.S.	96-97
North Central U.S.	98-99
Northwestern U.S.	100-101
Southwestern U.S.	102-103
Alaska	104
Hawaii	104
Issues Today ■ Military Power	105

Middle America

Political Relief Map	106-107
Land Cover Map	108
Elevation Map and Cross Section	109
Thematic Maps	109-113
Regional Maps	
Mexico	114
Central America	115
Cuba and Its Neighbors	116
Puerto Rico and the Lesser Antilles	116
Issues Today ■ Indigenous People	117

Samples are provided for evaluation purposes. Copying of the product or its parts for resale is prohibited. Additional restrictions may be set by the publisher.

Photo Credits

front cover, back cover, title page Courtesy of NASA/NOAA/GSFC/Suomi NPP/VIIRS/Norman Kuring; iStock.com/yavuzsariyildiz; iStock.com/hadynyah
10 Courtesy of NASA/NOAA/GSFC/Suomi NPP/VIIRS/Norman Kuring;
11 Physical World: Courtesy of Dr. Steve Ross, UNC-W. NOAA Office of Ocean Exploration; iStock.com/tiero; iStock.com/hanhanpeggy; iStock.com/Jorisvo; Human World: © Ggia/CC BY-SA 4.0; iStock.com/yavuzsariyildiz **18** left: iStock.com/erikjohansson78; right: iStock.com/hanhanpeggy; **19** left: iStock.com/shunjian123; right: iStock.com/Tarzan9280; **20** Courtesy of Philip A. McDaniel/U.S. Navy; **21** Courtesy of Jeff Schmaltz, MODIS Rapid Response Team/NASA; **22** Courtesy of Dr. Steve Ross, UNC-W. NOAA Office of Ocean Exploration; 24 iStock.com/BlueJayPhoto; 25 iStock.com/FlavioVallenari; **28** iStock.com/GaryKavanagh; **29** iStock.com/LUKASZ-NOWAKI; **30** iStock.com/THEGIFT777; **32** left: iStock.com/spooh; right: iStock.com/chrishowey; **33** left: iStock.com/tiero; top right: iStock.com/Jorisvo; bottom right: iStock.com/MarcPo;

2019 update of names and boundaries
 © 1994, 2003, 2004, 2008, 2018 Social Studies School Service
 Nystrom Education, a division of Social Studies School Service
 10200 Jefferson Boulevard, Culver City, CA 90232

All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without permission in writing from the publisher.

Printed in Canada

Statistics and estimates are from government and United Nations sources: populations for the most recent available date, other data averaged over the three most recent available years.

ISBN: 978-0-7825-2658-5 Product Code: NYS1351 v5.1

To order: socialstudies.com or 800-421-4246

South America 118-129

Political Relief Map	120
Land Cover Map	121
Elevation Map and Cross Section	122
Thematic Maps	123-125
Regional Maps	
Northwestern South America	126
Southern South America	126
Brazil and Its Neighbors	127
Issues Today ■■■ National Development	128
Issues Today ■■■ Rain Forest Deforestation	129

Africa 130-143

Political Relief Map	132
Land Cover Map	133
Elevation Map and Cross Section	134
Thematic Maps	135-137
Regional Maps	
Northern Africa	136-137
Western Africa	138
Central Africa	139
Eastern Africa	140
Southern Africa	141
Issues Today ■■■ HIV/AIDS	142
Issues Today ■■■ Refugees	143

Europe 144-163

Political Relief Map	146-147
Land Cover Map	148-149
Elevation Map and Cross Section	150-151
Thematic Maps	152-156
Regional Maps	
British Isles	156
Northern Europe	157
Western Europe	158
Central Europe	159
Eastern Europe	160
The Caucasus	161
Issues Today ■■■ Industrial Pollution	162
Issues Today ■■■ International Organizations	163

Asia 164-185

Political Relief Map	166-167
Land Cover Map	168-169
Elevation Map and Cross Section	170-171
Thematic Maps	172-177
Regional Maps	
Southwestern Asia	178
Central Asia	179
Southern Asia	180
Southeastern Asia	181
Eastern Asia: China, Mongolia, and Taiwan	182
Eastern Asia: Japan and the Koreas	183
Issues Today ■■■ Population Growth	184
Issues Today ■■■ Urbanization	185

Australia and Oceania 186-197

Political Relief Map	188-189
Land Cover Map	190
Elevation Map and Cross Section	191
Thematic Maps	192-194
Regional Maps	
Australia	195
New Zealand	195
Issues Today ■■■ Invasive Species	196
Issues Today ■■■ Sea Level Rise	197

Antarctica and the Arctic 198-201

Land Cover Maps and Cross Section	200-201
-----------------------------------	---------

Geographic Facts and Index

World Facts	inside front cover
Country Tables	202-207
Glossary	208-209
Time Zones Map	209
Index	210-240
Abbreviations	240
Thematic Index	inside back cover

34 top: iStock.com/Vasca; bottom: © Frank Vassen/CC BY 2.0; **35** left: Courtesy of NASA/Goddard Space Flight Center Scientific Visualization Studio; right: Courtesy of NASA/Goddard Space Flight Center Scientific Visualization Studio; **37** iStock.com/yavuzsariyildiz; **38** iStock.com/Bartosz Hadyniak; **40** © Robert Oxley/DFID/CC BY 2.0; **42** © Aleposta/CC BY-SA 2.0; **46** iStock.com/SmileKorn; **48** © Pedro Szekeley/CC BY-SA 2.0; **49** iStock.com/Tigeryan; **50** iStock.com/Arpad Benedek; **56** top: iStock.com/Maksymowicz; bottom: iStock.com/ChrisBoswell; **57** Courtesy of Gulddammer; **58** iStock.com/Vadim_Nefedov; **59** Courtesy of U.S. Customs and Border Protection; **63** iStock.com/KathrynHatashitaLee; **65** iStock.com/shaunl; **66** iStock.com/Pgiam; **73** iStock.com/dan_prat; **80** iStock.com/Wendy Olsen Photography; **81** iStock.com/GomezDavid;

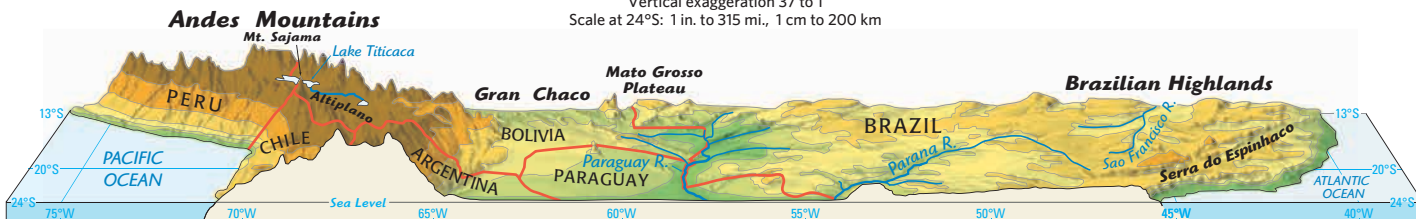
82 iStock.com/IMNATURE; **83** iStock.com/DarcyMaulsby; **84** left: iStock.com/SumikoPhoto; right: iStock.com/Mlenny; **108** left: iStock.com/tonda; right: iStock.com/Focus_on_Nature; **111** iStock.com/aureliavalema; **114** © Valerie Hinojosa/CC BY-SA 2.0; **115** iStock.com/olymehdi; **117** iStock.com/SimonDannhauer; **118** iStock.com/PatricioHidalgoP; **124** iStock.com/Alfredo Allais; **125** iStock.com/hadynyah; **128** iStock.com/dabldy; **130** iStock.com/hadynyah; **135** © rolandh/CC BY-SA 2.0; **138** © Vgrigas/CC BY SA-3.0; **139** iStock.com/Robert_Ford; **141** iStock.com/nicolamargaret; **142** Courtesy of Victor Balaban/CDC; **143** © Ggia/CC BY-SA 4.0; **144** iStock.com/Madzia71; **151** iStock.com/AlpamayoPhoto; **154** iStock.com/danielsnaer; **156** iStock.com/Westbury; **161** iStock.com/art33art; **162** iStock.com/Mlenny;

163 iStock.com/Koutsaftikis; **164** iStock.com/WitR; **171** iStock.com/perreten; **173** iStock.com/Danielrao; **176** iStock.com/maomaotou; **179** left: Courtesy of NASA Earth Observatory; right: Courtesy of NASA Earth Observatory; **180** iStock.com/SoumenNath; **183** iStock.com/Nikada; **184** iStock.com/Bartosz Hadyniak; **185** iStock.com/Spondylolithesis; **186** iStock.com/MelanieMaya; **190** iStock.com/AndrewHalsall; **192** iStock.com/BentheBeeMan; **193** iStock.com/AL-Travelpicture; **194** © jeanfrancoisbeausejour/CC BY 2.0; **195** iStock.com/eyecrave; **196** iStock.com/JohnCarnemolla; **197** © Government of Kiribati/CC BY-SA 3.0; **198** iStock.com/Mlenny; **200** iStock.com/Bernhard_Staehli; **201** iStock.com/Wildnerdipix

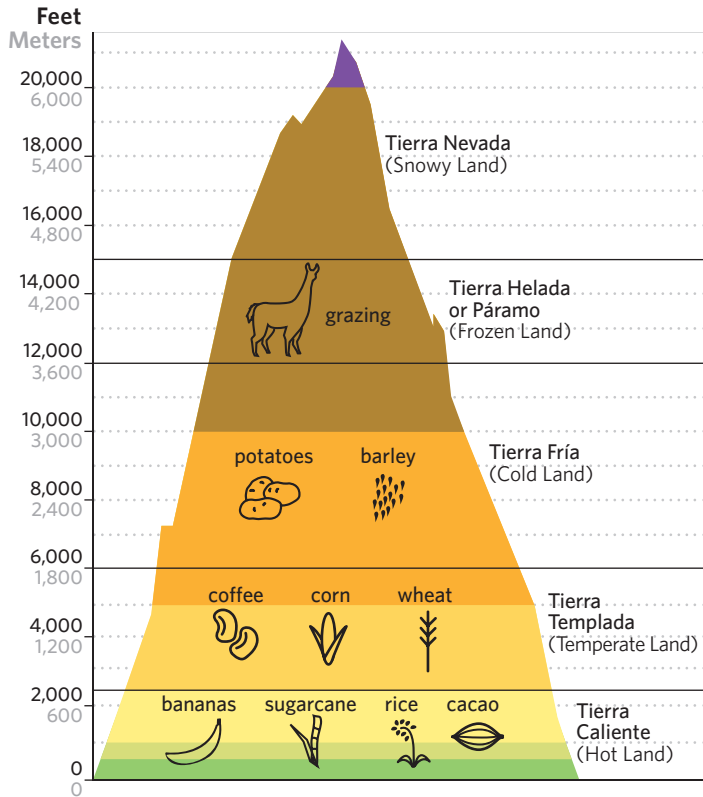


Cross Section

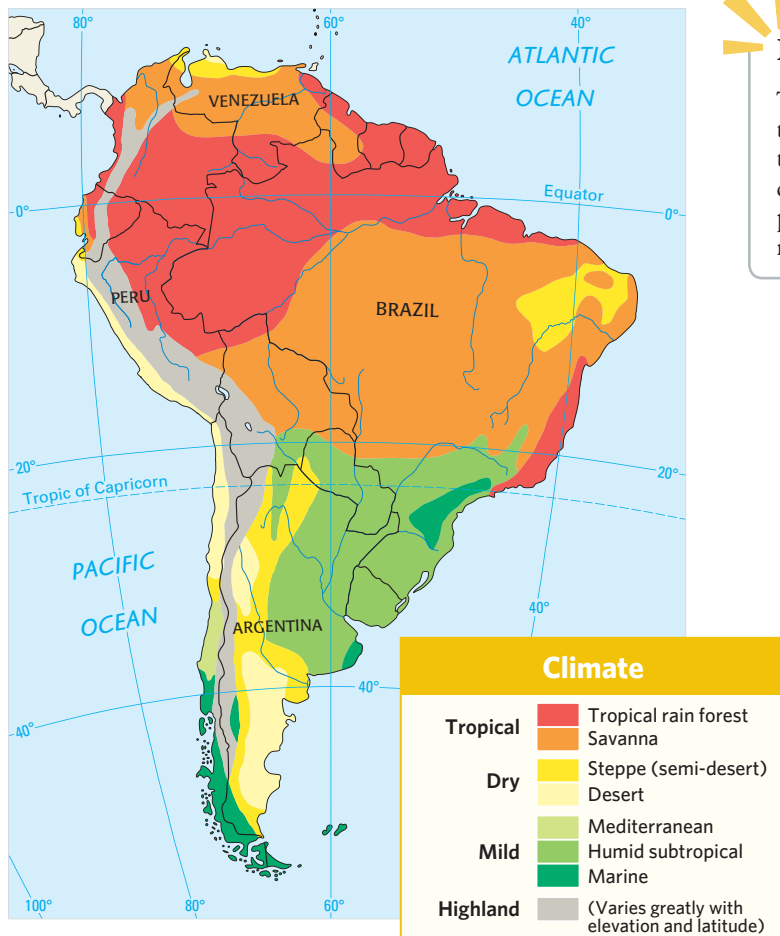
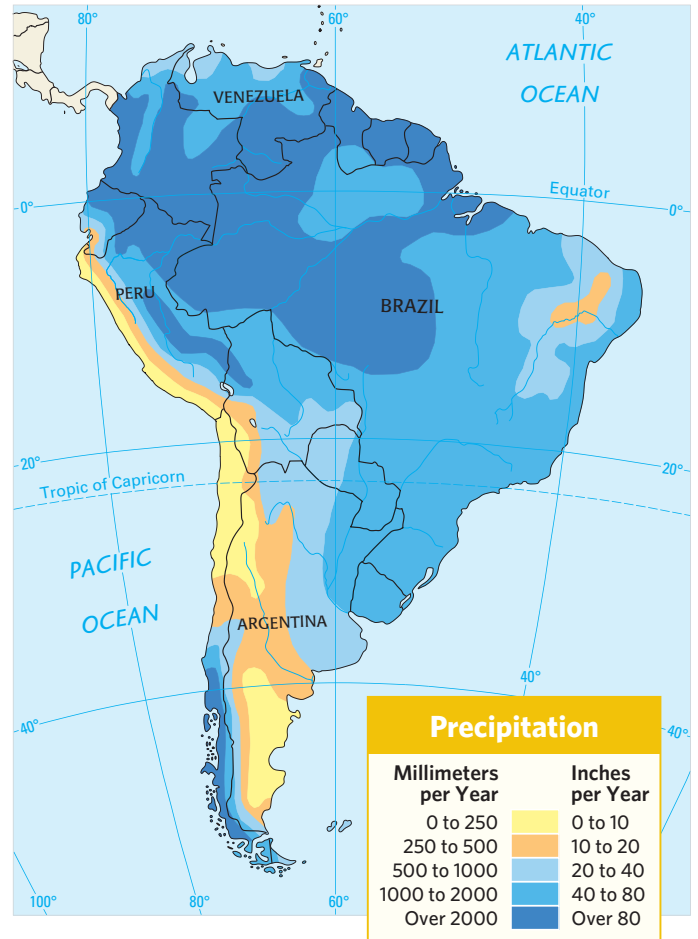
Vertical exaggeration 37 to 1
Scale at 24°S: 1 in. to 315 mi., 1 cm to 200 km



Altitude Zones in the Andes



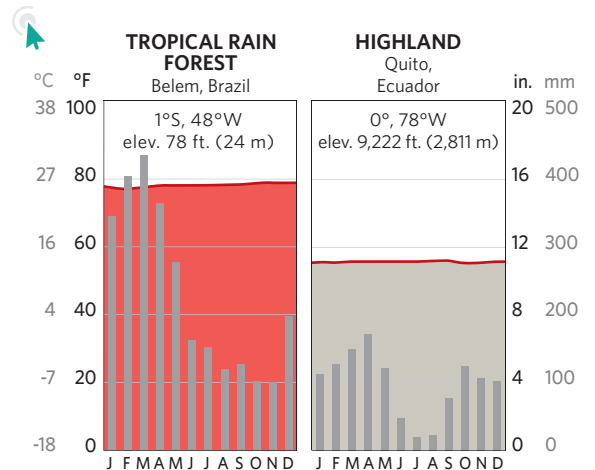
As altitude in the Andes increases, the climate gets colder and drier. For centuries, indigenous people in the region have cultivated crops that grow well at each elevation zone and climate.



Desert by the Sea

The Atacama Desert along coastal Peru and Chile is among the driest places on Earth. Its dry conditions are caused by the cold Peru Current, which flows north along the western coast of the continent. This surface current cools the air, preventing it from holding much moisture, so very little rain falls in this region.

Climographs



Both Quito and Belem are near the Equator. The difference in their elevations explains why Quito is colder and drier. Air temperature drops about 3.5°F for each rise of 1,000 feet (6.5°C for each 1,000 meters).



Cross Section

Vertical exaggeration 40 to 1
 Scale at 42°N: 1 in. to 291 mi., 1 cm to 184 km





Reclaimed Land in the Netherlands

- Polder (reclaimed land)
- Dam
- Canal

Elevation

Land above sea level

Land below sea level sea level
ocean

About 27 percent of the Netherlands is below sea level. **Polders**, land that has been reclaimed from the sea or marsh, now cover much of this lowland.

Life Beneath the Sea

For centuries, the Dutch have reclaimed land from the North Sea. Dikes hold the sea back, while canals and pumps drain the water. Windmills once powered the pumps, but today they run on diesel and electricity. In 1986, the most recent Dutch province, Flevoland, was created entirely from reclaimed land.



In the central Swiss Alps, green Lauterbrunnen Valley sits 11,000 feet (3,353 meters) below the mountain Jungfrau. Jungfrau has an elevation of 13,641 feet (4,158 meters) and is snow-capped year-round.