DATES TO REMEMBER

- Until May 26: Course evaluation period.
- Check your Hunter e-mail for instructions.

Smartphone: www.hunter.cuny.edu/mobilete Computer: www.hunter.cuny.edu/te

- TODAY May 12: REQUIRED ROADTRIP EXERCISE DUE; late penalty assessed starting May 13.
- May 16: Last class lecture and last day for pre-approved extra credit (paper or other project).
- ☐ May 23: Exam III: The Final Exam
 - From 9 to 11 AM << note different time from class</p>
 - Same format as exams I and II.
 - Last day to hand in Exam III extra credit exercise and "Landscape Analysis" extra credit option.

Regional Landscape Studies

- ✓ NORTHLANDS
- ✓ NORTHEAST COAST
- ✓ MEGALOPOLIS
- ✓ CANADA'S NATIONAL CORE
- ✓ AMERICA'S HEARTLAND
- ✓ APPALACHIA and the OZARKS✓ THE SOUTH
- ✓ GREAT PLAINS and PRAIRES
- MOUNTAINS, PLATEAUS and BASINS: The Empty Interior
- DESERT SOUTHWEST
- NORTH PACIFIC COAST
- □ HAWAII

- <<<For each region:
- 1. Know its physical geography.
- 2. Identify its unique characteristics.
- 3. Be able to explain the human imprint.
- 4. Discuss its sequence occupancy and economic development.

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Regional Landscapes of the United States and Canada

North Pacific Coast

Prof. Anthony Grande

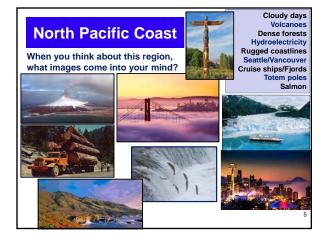
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North Pacific Coast

Review Ch 1, 2, 8, in Text: Sec. 4 in Atlas

- Elongated, isolated coastal area of western N. America (34°N to 63°N)
- > Over 4,000 miles long but less than 150 mi wide (most of it is <100 mi wide).
- 1. Runs north from the Los Angeles Basin.
- 2. Past San Francisco Bay.
- Along coastal Pacific Northwest and British Columbia (with Vancouver Is), Inland Passage and Alaska Panhandle.
- 4. Turns W at Gulf of Alaska Coastal Plain.
- Follows the Alaska Peninsula and the Aleutian Islands for over 1,200 miles.
- 6. Ends at Attu Island near the International Date Line in Pacific Ocean.





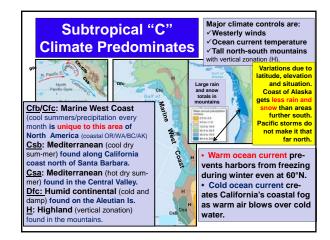
OVERVIEW: Physical Geog.

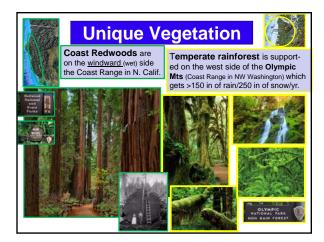
- ✓ Composed of three distinct sub-regions.
- √ Marine subtropical climate dominates
 - Wettest area of North America; ice free harbors.
- ✓ Tall parallel N-S trending coastal mountain ranges
 - Intercept westerly winds from Pacific Ocean
 - Irregular, rocky coastline with little or no coastal plain.
 - Warmer but drier (rain shadow) fertile lowlands between them.
- ✓ Geologically active area.
 - Shaped by: volcanism, earthquakes, mass movements.
 - North: glacier-carved valleys flooded by the sea fjords.
 - South: large fast flowing rivers fed by rainfall and snowmelt.
 - Tsunami danger: from undersea tectonic activity.
- ✓ Heavily forested.

OVERVIEW: Human Geog.

- ✓ Isolated from the rest of N. Amer. by site and situation (difficult transportation between areas).
- Over 150 distinct Native American ethnic groups each located in small coastal valleys (isolated from each other).
- Explored by Spanish, Russians, British, Americans.
 Historic British and American claims on the "Oregon Country."
- Low population density with few large cities.
- ✓ Aleutians had a strategic location in WWII and Cold War
- Diversifying economy but still dominated by primary activities: lumbering, fishing, agriculture.
- √ Fastest growing area is SW British Columbia.

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Subregion 1: California Coast

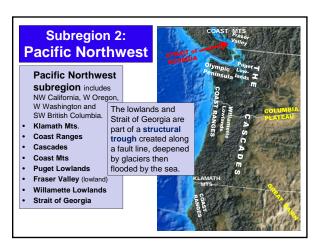
California Coast subregion

extends westward from the foothills of the Sierra Nevada and north of the Los Angeles Basin.

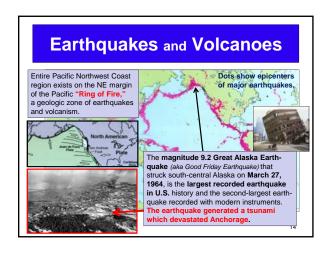
Includes:

Central Valley of California San Francisco Bay Estuary Coast Ranges



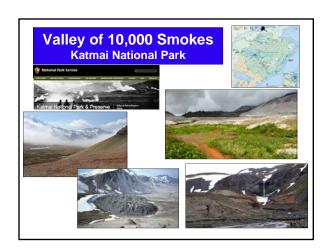


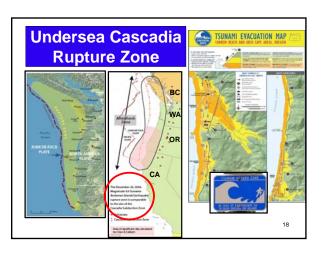


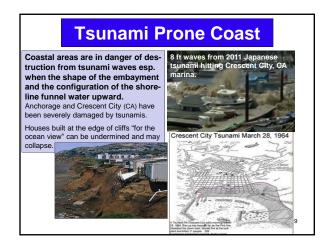


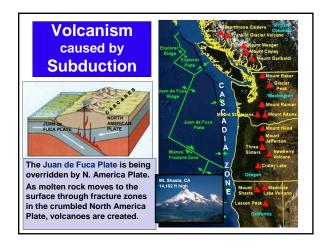


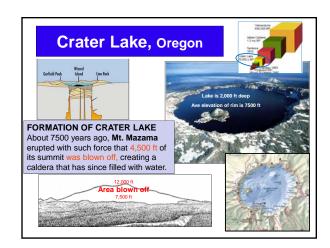




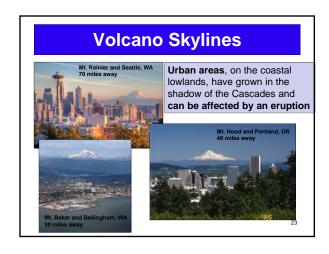
















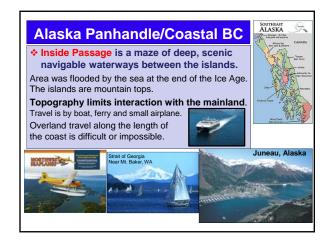












Native American Settlement

- Native American population was relatively large because of the moderate climate and abundant year-round food supply.
- **Culturally:**
 - 100+ distinct ethnic groups, each located in a small coastal valley.
 - Had a close relationship with nature. Believe the natural world (fauna/flora) interact with a supernatural world. Existed by hunting, fishing, gathering.
 - Built large, impressive plank houses and dugout canoes.
 - Totem Pole: carved record on a log of person's life.



Plank Houses of the Northwest

Plank houses are structures used by tribes of the Northwest Coast (California to Alaska). The houses are made of long, flat planks of cedar wood that are lashed to a wooden frame. There are no windows. A hole in the roof vents smoke from the fire pit.

Totem poles are placed outside the structure to protect inhabitants from evil spirits. The carvings tell a story about the family or the place.



European Arrival

- ❖ Last area of N.Am. to be explored by Europeans (because of the distance)
 - Juan de Fuca (1592) for Spain
 - Vitus Bering (1740) for Russia
 - James Cook (1778) for Britain
 - Lewis and Clark (1804) for USA
- Russian Settlement
 - First settlements late 1700s
 - Fur-trading posts from SE Alaska to N California. Never self-sufficient in food; expensive to maintain
 - · Conflict with the British and Americans over Oregon
 - Russia sold Alaska to the U.S. in 1867 for \$7.2 mil fearing Britain would seize it.
 - Evidence of Russian settlement remain in places names, building design and Russian Orthodox churches.



British Settlement in the Northwest

- · Hudson's Bay Company
 - Controlled fur-trading in Columbia Basin (Rupert's Land)
 - Dominant force in the area (Oregon to British Columbia) until the 1830s.
- Victoria (1843) is at southern tip of Vancouver Island; strategic overlook on the Strait of Juan de Fuca.
- Vancouver (1867) is on the mainland.
 - Established as a sawmill site: logs were floated down river from mountainside lumber camps into the harbor.
 - Protected harbor made it a seaport.
 - Terminus of the transcontinental Canadian Pacific Railway (1886).

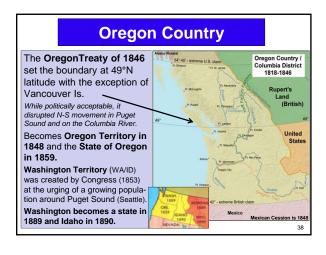


American Expansion



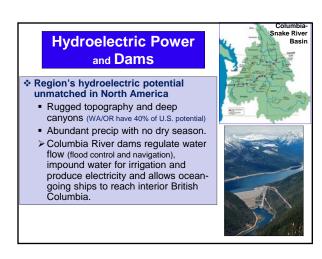
- Explored by Lewis and Clarke in 1804-07
- John Jacob Astor established fur trade company (1810); Fort Astoria (now Astoria, OR) at the mouth of Columbia River is the first US settlement (1811) in Pacific Northwest.
- Treaty of 1818 extended the US-Canada border along 49°N latitude to the Rocky Mts., not to the coast.
- US and Great Britain jointly administer Oregon Country (Rocky Mts. to Pacific Ocean) from 1818-46.
- American settlers arrive via the Oregon Trail to Oregon's Willamette Valley (1840s).
- By late-1840s Americans in Oregon Territory were pushing for statehood.















Present Population Distribution

- Faster growth than national averages in both the U.S. and Canada (population and economy).
- · British Columbia is the fastest growing area.
- Home to 3% of U.S. population and 10% of Canada's population.
- Most people live within the interior lowlands from the Fraser River to Willamette Valley.
- · Few large cities:

San Francisco Metro: San Francisco, Oakland, San Jose
Fresno, CA Sacramento, CA Bakersfield, CA
Seattle, WA Portland, OR Anchorage, AK

Vancouver, BC Victoria, BC

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Anchorage

- Alaska's largest city with about 300,000 people and 40% of its population.
- Established (1914) as a port for the construction of the Alaska

 Pailroad
- Grew as a transportation hub and military base because of its harbor and connections to the
 interior

 Output

 Description

 Output

 Description

 Description
- Today is a shipping center.
- Devastated by 1964 earthquake and tsunami





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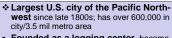
Vancouver

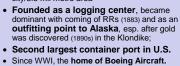


- Canada's 3rd largest and fastest growing city (605,000 people).
- Metro area of more than 2.3 million people.
- · Western HQ for Canadian businesses.
- Gateway to the Canadian Rockies (hosted the 2010 Winter Olympics) and interior Canada.
- Tourist hub for the Inside Passage.
- Canada's busiest seaport: Wood products; wheat.

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Seattle





 Diversification: Computer technology (Microsoft); research & development, medical biotechnology, forest products, banking and





Portland

- Has a pop. of over 590,000 people with a metro area of over 1 million.
- Ranks high among livable cities
- More diversified economy than Seattle's with better access to interior via Columbia River.
 - Shipment of grain from eastern Washington.
 - Large, deep port with easy access to the Pacific.
 - Iron and steel, clothing, food processing, computer technology



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