DATES TO REMEMBER

- ☐ Until May 26: Course evaluation period.

heck your Hunter e-mail for instructions. martphone: www.hunter.cuny.edu/mobilete Computer: www.hunter.cuny.edu/te

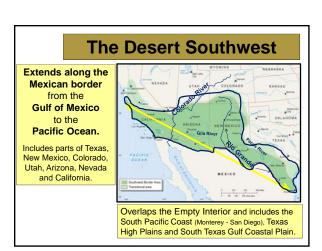
- ☐ May 12: Last day to hand in REQUIRED ROADTRIP **EXERCISE** without late penalty
- May 16: Last class lecture and last day for pre-approved extra credit (paper or other project).
- ☐ May 23: Exam III: The Final Exam
 - From 9 to 11 AM << note different time from class</p>
 - Same format as exams I and II.
 - Last day to hand in Exam III extra credit exercise and "Landscape Analysis" extra credit option.

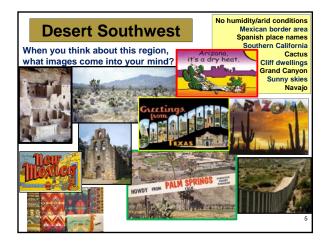
Regional Landscape Studies

- 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:
- Know its physical geography.
- Identify its unique characteristics.
- Be able to explain the human imprint.
- Discuss its sequence occupancy and economic development.

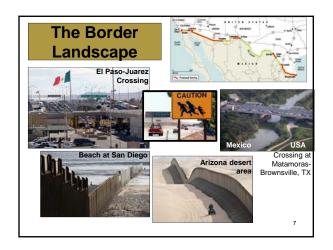
Regional Landscapes of the United States and Canada The Desert Southwest Prof. Anthony Grande Parts of Chapters 2, 3, 10, 18, 19 in American Landscape



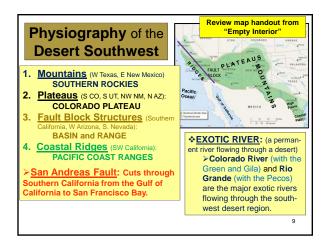


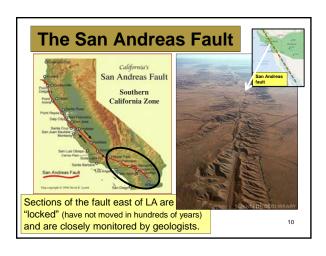
OVERVIEW

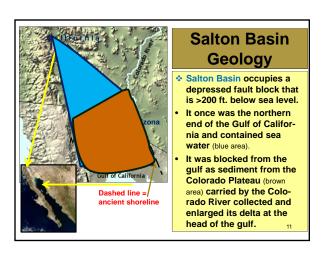
- □ <u>Varied, harsh topography</u>: plateaus/mountains/basins.
- Climatic aridity is a physical unifier.
- Human adaptation to aridity is the cultural unifier.
- <u>Distinct Tri-Cultural Region</u> with unique characteristics, place names and acculturation:
 - > Spanish with roots in Mexico: settlement and colonial heritage (language/religion) are chief regional identifiers.
 - > Native American: historic settlement and Indian culture is a secondary unifier.
 - > European-American: late arriving but dominant population
- International Zone: cultural and economic landscapes integrated with that of northern Mexico, but a politically tense closely monitored border area from end to end.

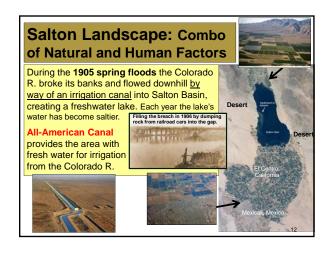


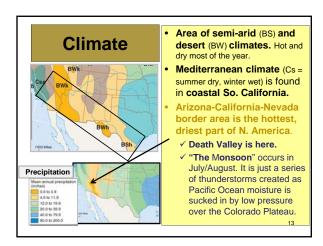


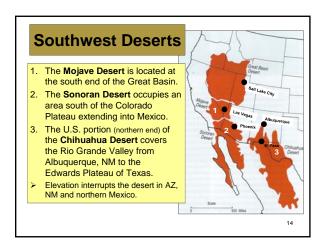


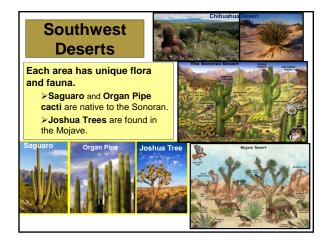


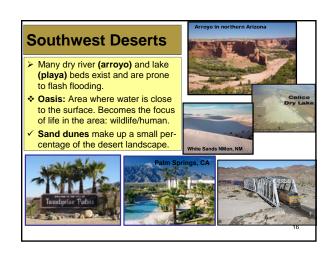
















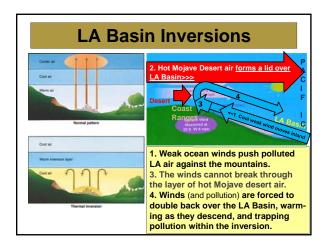


Smog (smoke + fog) is a type of air pollution created when byproducts of combustion mix with atmospheric moisture. (Originally caused by the mixing of soot with fog in coal burning areas.)

Los Angeles smog is caused when vehicle emissions react with sunlight to form photochemical pollution. This mix includes particulates and ozone.



the problem is heightened by a combination of natural loca weather and topographic conditions that prevent the dispersion of contaminants





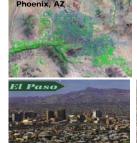


Because of the climate and the increase in urban populations plus irrigated agriculture, there is a great competition for water.

The metro areas of El Paso, Albuquerque, Phoenix, Tucson and Las Vegas are growing at a fast rate.

Southern California Conurbation (Santa Barbara-San Diego) needs water from outside its area.

Desert Area Urban Sprawl





Colorado River Water Use

Population and economic booms in Nevada, Arizona and southern California need water.

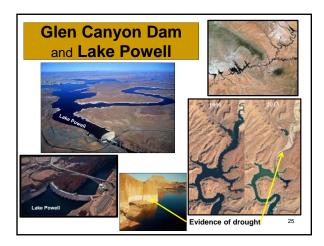
➤In 1915 nearly the entire flow of the Colorado R. allocated mainly to Arizona and California. In 2015 half the flow goes to upstream states.

International agreement provides Mexico with a minimum flow to seasonally flush the delta region.

Allocation formula is now facing severe strains due to years of below-average precipitation in the basin and high rates of population growth in the region.



The Central Arizona Project Water is diverted from the Gila River Basin and moved to the Phoenix and Tucson areas

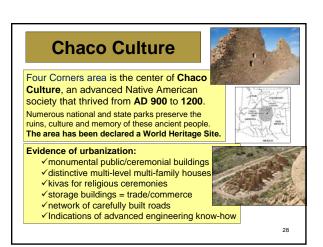


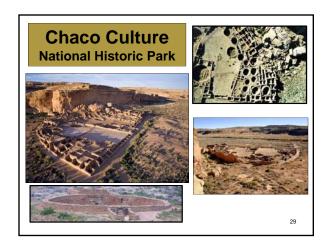
Human Geography: Three Population Groups

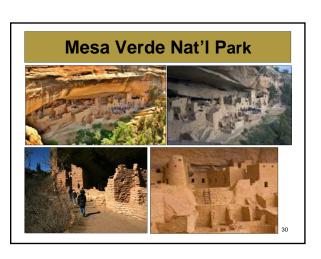
- Native population
 (1% of total population)
 has a long history in
 the region.
- Ruins are scattered throughout the area.
- The Navajo are the largest of the area's tribes.
- Hispanic population dates back more than 400 years with arrival of Spanish explorers and missionaries.
- Today's population (25% of total population) is mainly of Mexican heritage and experiencing rapid growth.
- * European-Americans are the largest group (74% of total).
- Arrived in mid-1800s with American expansion westward
- Population is mainly northern European heritage.

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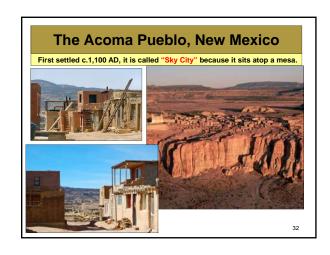




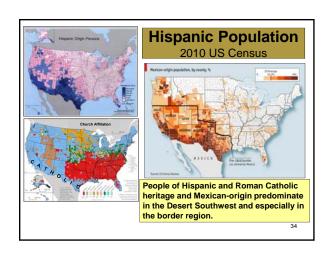








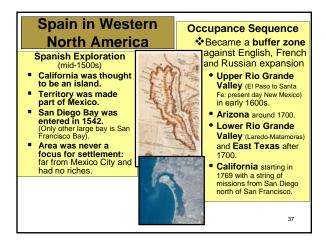




Spanish Toponomy
in the Southwest

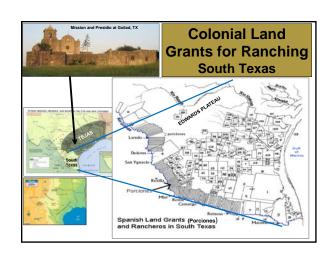
O Adobe: structure made from sun-dried bricks (adobe)
Mission: religious outpost
Presidio: military outpost or fort
Hacienda: estate or plantation or ranch (rancho)
Porciones: land grant
Pueblo: town or village
Playa: dry desert basin (covered with silt and salt that can be covered with water after a storm)
Arroyo: stream bed (usually dry, but can flash floods)
Laguna: lake
San and Santa: honorific meaning saint or holy one.
Los, Las, La, El: article of speech meaning "the."

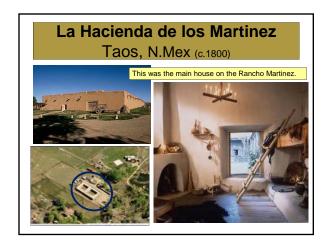


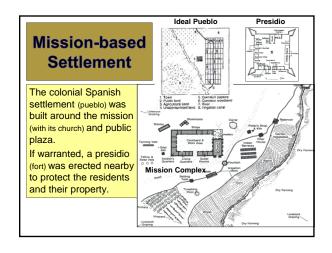














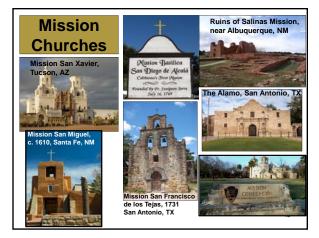
Mission church, fronting a large public plaza, became the core of settlement and now is the "Old Town" of the region's cities.

- San Antonio
- El Paso
- · Santa Fe
- Albuquerque
- Tucson
- San Diego
- Los Angeles
- · Santa Barbara





Santa Fe, New Mexico Santa Fe is the 3rd oldest European-founded city in the US (after St. Augustine, FL and Jamestown, VA), and is the oldest continuous capital city in North America. Was the administrative center of Spanish holdings north of Mexico. All Spanish towns in the Southwest were built around a church and plaza.





Result of Missionary Activity

- Missionaries were more successful gaining converts from the sedentary Indians than from the nomadic tribes.
- Missionary system destroyed much of the native culture and tended to exploit Indians as a cheap labor force
- Close living and daily interaction exposed the Indians to European diseases for which they had little immunity.
- Epidemics greatly reduced the native population.
- Established a unique settlement and cultural pattern throughout the Southwest and California.

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Political Geography Terms

What is the difference between a "cession" and an "annexation"?

- <u>Cession</u>: Land that is given or sold through treaty; "ceded" to another party.
- Annexation: Land within one political unit that is seized by another unit and incorporated into (made part of) that unit
 - It is made legitimate by the recognition of an appropriate agency within that entity and/or by an international body.

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Spanish Texas (Tejas)

- 1835: Texas declares its independence from Mexico. East Texas was settled by 25,000 Americans who were given land grants by Mexico. There were only c.3,000 Spanish/Mexican settlers in the area.
- The Texas Rebellion ensues (includes the famous Siege of the Alamo in San Antonio and Mexican defeat at the Battle of San Jacinto)
- 1836: Texas wins the war and gets most of NE Mexico (present-day TX, NM, OK, KS, CO, WY) and declares itself the Texas Republic.



1845: U.S. annexes the Texas Republic, claims disputed lands, and admits Texas as a state over the protests of Mexico.

This leads to the Mexican War (1845-1848).

See pp. 28, 31-37, 40, 42, and 46 in Historical Atlas



California

- From the early 1820s to the mid-1840s "Anglos" settled northern Mexico (most coming by way of wago trains on the overland trails but some arriving at San Francisco by ship).
- They continued to have loyalty to the United States and resented Mexican control.
- Hearing about the Texas Rebellion Americans in Alta California revolted in June 1846 and declared the California Republic.
- "California Republic" was occupied by U.S. Marines in July 1846 to protect U.S. citizens and ceased to exist as an entity.



See atlas pp. 32-36 + 46.

- After the Mexican War (1846-48). California was given to the U.S. as part of the Mexican Cession.
- California grew rapidly after word spread east of the discovery of gold in the Sierra Nevada Mts.
- It became a state in 1850.

Mexican Cession

Mexican War ends in 1848 with the Mexican Cession. Mexico loses its northwestern land holdings.

Northwest Mexico (Alta California) is transferred to the U.S. by the Treaty of Guadalupe Hidalgo.

Technically it was purchased for \$15 million (\$300+ million today) but written off to settle pre-existing Mexican debts so no money was exchanged.



Gadsden Purchase 1853



- Area of the new northwestern Mexico purchased in 1853 for \$10 million.
- Purchase proposed by railroad tycoon and diplomat James Gadsden who wants to build a southern transcontinental RR to make the West dependent on the South but needs a railroadfriendly route to the coast.
- Plans delayed by the Civil War.
- > Southern Pacific RR (1876) opens the area to more Anglos and leads to the growth of So. Calif., esp. the Los Angeles basin.



Southern Metropolis

- A megalopolis from Santa Barbara to San Diego has been created:c.185 miles long with over 19 million people
- Rapid 20th century growth: Post WWI (1920s-30s) conversion from agriculture to urban: location of the motion picture and aircraft industries; perception of open space and freedom that was in short supply on the East Coast.
- Continued municipal independence, despite spreading and merging; many small cities.
- · Automobile dependent.

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Landscape of Automobiles * 50% of land is devoted to automobiles (streets, high-ways, parking lots, driveways, repair shops) Driving mentality from early days with a decentralization (anti-East Coast) point of view leading to Single-family houses. No central business districts. Limited mass transit. Low population density Leads to sprawl, congestion and pollution. Chapter 18 in textbook

City of Los Angeles

- Settled by the Spanish as an agricultural pueblo to provide food for the settlers.
- The site of Los Angeles (LA Basin) includes the largest area of flat land on the California coast.
- Chosen as the terminus of the Southern Pacific Railroad (1870s).
- The San Gabriel Mts. provided a reliable water source (for irrigation) from its snowpack and rain runoff <u>until the early 1900s</u>.

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San Diego

The San Diego Metro Area fills a coastal lowland basin focusing on San Diego Bay, one of the few natural harbors on the Pacific.

Pacific Coast Ranges (Santa Rosa Mts.) separate it from the arid Imperial Valley.



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NEXT

North Pacific Coast

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