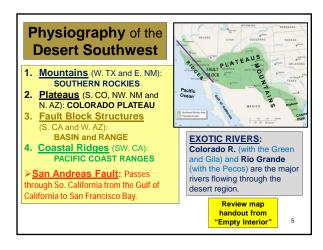


OVERVIEW

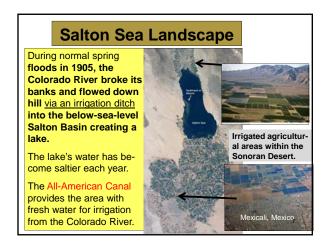
- Varied Topography: plateaus, mountains, basins.
- *Climatic aridity is a physical unifier.
- *Human adaptation to aridity is the cultural unifier.
- <u>Distinct Tri-Cultural Region</u> with unique characteristics and acculturation:
 - > Spanish with roots in Mexico: settlement and colonial heritage are chief regional identifiers.
 - > Native American: historic settlement and Indian culture is a secondary unifier.
 - ➤ European-American: late arriving dominant population.
- International Regional Economy: integrated with that of northern Mexico but a politically tense closely monitored border area.

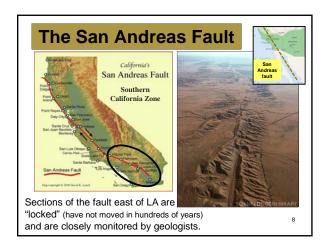


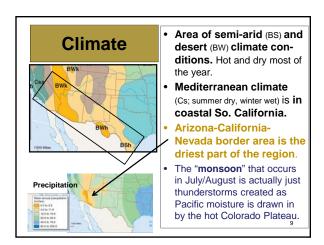


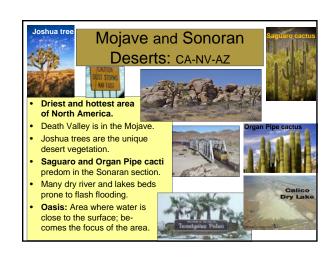
Salton Basin Geology

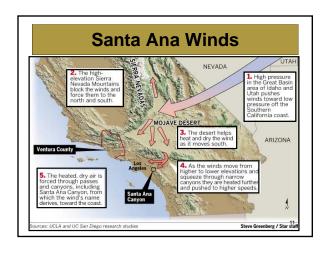
- Occupies a fault block depression that is below sea level.
- Once was the northern tip of the Gulf of California.
- Cut off from the gulf as the Colorado river delta grew.
- The basin was dry until 1905.



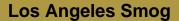












Smog (smoke + fog) is a type of air pollution created when by-products of combustion mix with atmospheric moisture.

(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 of gases includes particulates and ozone.



In the Los Angeles Basin the problem is heightened by a combination of local weather and topography that act to <u>prevent dispersion</u> of contaminants.

2. Hot Mojave Desert air forms a lid over LA Basin>>>

Cod ar

Thermal Inversion

Inversion Layer

2. Hot Mojave Desert air forms a lid over LA Basin>>>

Cod ar

1. << Cool weak Wind from the Pacific Ocean

1. Weak ocean winds push polluted LA air against the mountains.
2. The winds cannot break through the layer of hot Mojave desert air.
3. Winds are forced to double back over the LA Basin, warming as they descend, and trapping pollution within the inversion.

Area of Water Deficiency and Competition



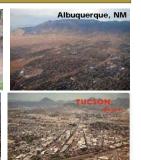
Because of the climate and the increase in urban/suburban populations and irrigated agriculture, there is a competition for water.

✓El Paso, Albuquerque, Phoenix, Tucson and Las Vegas metropolitan areas are growing. ✓The Southern California conurbation of Santa Barbara-San Diego needs water from outside its area.

15

Urban Growth



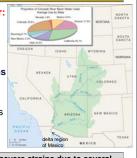


Colorado River Water Use

Intense competition for its water: ✓In 1915 nearly the entire flow of the

Colorado R. allocated mainly to Arizona and California. **Now <u>half</u> the flow goes to upstream states.**

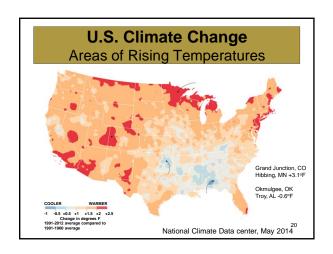
- √ Population and economic booms in Nevada, Arizona and southern California need water.
- ✓International agreement provides Mexico with a minimum flow to seasonally flush the delta region.



The allocation formula is now facing severe strains due to several years of below-average precipitation in the basin and high rates of population growth in the Southwest.

Glen Canyon Dam and Lake Powell



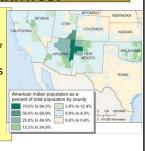


Population Make-up

- A sizable native population (1% of total population) that has a long history in the region.
- Ruins are scattered throughout the area.
- The **Navajo** are the largest of many tribes in the area.
- An Hispanic population that 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 population).
- They arrived in mid-1800s with the American westward expansion.
- Population is mainly **northern European heritage**.

American Indians of the Southwest

- Earliest inhabitants but least integrated into U.S. society. (In part to preserve their culture.)
- They are located in areas that Anglo settlers rejected because of dryness.
- Many different tribes live in the area.



22

American Indian Reservations

Largest groups

- Navaho
- Apache
- Pueblo
- Papago
- Hopi
- Utes



Chaco Culture

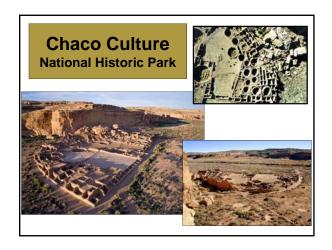
The Four Corners area is the center of Chaco Culture, an advanced Native American society that thrived between AD 900 and 1200.

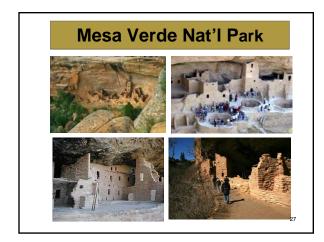
Numerous national and state parks preserve the ruins, culture and memory of these ancient people.

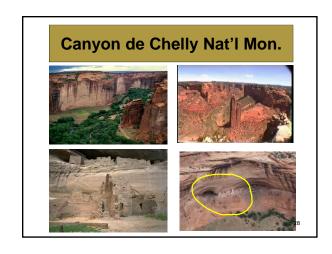


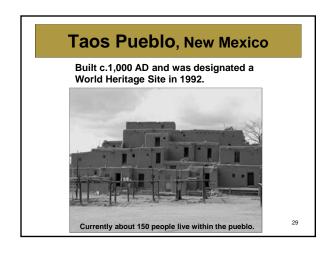


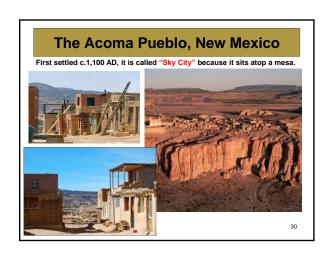




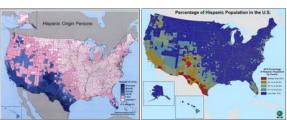








U.S. Hispanic Population 2010 US Census



People of Mexican heritage are predominant in the desert southwest border region.

31

Spanish America Timeline

Spanish exploration occurred in the mid-1500s.

- California was originally thought to be an island.
- Claimed the territory as part of Mexico.
- San Diego Bay was entered in 1542.
- Area was far from Mexico City, core of Spanish America.
- Area never systematically settled.

Settlement sequence • Became a buffer zone against English and French expansion.

- Upper Rio Grande Valley from El Paso area (present day New Mexico; before 1700)
- Arizona (around 1700)
- Texas (around 1700)
- California (beginning 1769 with a string of missions starting in San Diego.)

Spanish Toponomy

- Adobe: a structure made from sun-dried bricks (also called adobe).
- Mission: religious outpost
- Presidio: military outpost or fort
- Hacienda: an estate or plantation or ranch (rancho)
- Pueblo: town or village
- San and Santa: honorific meaning saint or holy
- Los, Las, La, El: article of speech meaning "the."

33

Spanish Colonial Land Grants for Ranching Delore San Yanako Spanish Land Grants and Rancheros in South Texas

Spanish Colonial Settlement

- Mission: Came first. Consisted of a church and houses for the priests and their support staff, usually within a walled compound.
- Haciendas (estates) were established for ranching and vineyards in surrounding areas. Livestock and plantings were bought from Spain. The main house had an inward design focused on courtyards.
- Presidios were built for troops to protect the missions, haciendas, ranchos, settlements, mines and trade routes

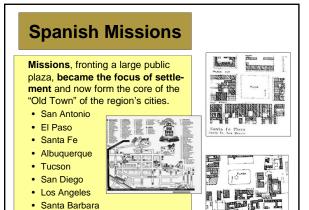


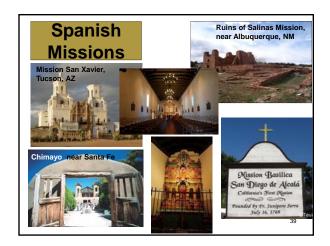










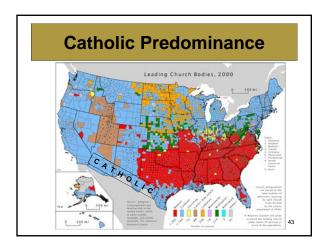






Missionary Aftermath

- 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 settlement pattern throughout the Southwest and California.



California Settlement

California's status continued as a backwater of Spanish Empire until it became part of Mexico in 1821.

Called Alta California by the Mexicans, it extended north to Oregon. They awarded land grants to U.S. citizens to encourage settlement.

Americans revolted in June 1846 (after hearing about the Texas Rebellion) and declared the California Republic.



California Republic was "occupied" by the U.S. in July 1846.
After the Mexican War (1846-48),
California was given to the U.S.
as part of the Mexican Cession.
California grew after 1849
following the discovery of gold
near Sacramento.

Political Geography Terms Cession vs. Annexation

- <u>Cession</u>: Land that is given or sold through treaty.
- Annexation: Land within a political unit that is seized and held by an outside entity.
 - It is made legitimate by the recognition of an appropriate agency within that entity and/or by an international body.

45

American Expansion into the Southwest

See pp. 28, 40, 42, 46 and Section 4 in Historical Atlas

- 1821: After its independence from Spain, Mexico allowed the "Anglos" to settle in its northern area (1820s-1830s; now the U.S. Southwest).
- 1835: Texas (which was settled by Americans who were given land grants by Mexico) declares its independence from Mexico.
- 1836: Texas wins the war and is awarded most of NE Mexico (present-day TX, NM, OK, KS, CO, WY).
- 1845: U.S. annexes Texas and admits it as a state, leading to the Mexican War.
- 1848: Mexican War ends with the Mexican Cession.
 Mexico loses its northwestern land holdings (area N of today's border except southern Arizona and southern N.Mex.)

Mexican Cession 1848



Northwest Mexico was transferred to the U.S. by the Treaty of Guadalupe Hidalgo following the Mexican War

Technically it was purchased for \$15 million (\$300+ million today) but written off to settle pre-existing Mexican debts so no money was exchangGadsden Purchase 1853



 An area of Northwest Mexico purchased in 1853 for \$10 million.
 (now southern Arizona and southwest

(now southern Arizona and southwest New Mexico)

- The idea of James
 Gadsden, a railroad
 tycoon, who wanted to
 build a southern transcontinental railroad to
 make the West dependent
 on the South.
- Opens up the area to Anglo-Americans and leads to the growth of Southern California, esp. Los Angeles.



Southern California

Southern Metropolis

- A megalopolis from Santa Barbara to San Diego has been created: about 185 mi long with over 19 million people
- Rapid 20th century growth: World War I 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.

50

Automobiles and Southern California

- 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.



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 until the early 1900s.

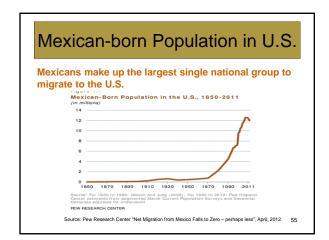
52

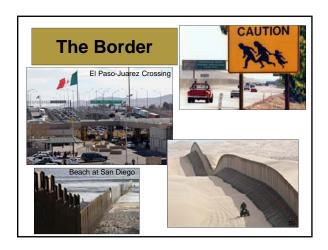


- Immigration to U.S.
 - 1900-2010: 4.6 million people
 - Late 1980s: 75-90,000/yr
 - **2000 to 2010:** c.171,000/yr
- Much of it illegal crossing the border without documentation
 - Estimated 6 million illegal Mexican residents in 2011; rate is slowing.
- Push factors
- Mexican population growth
- Widespread unemployment
- Historic Pull factors
 - Ease of crossing
 - Available jobs
- Have transplanted their culture to the Southwest.

Mexican Influence







Cross-Border Economy

Mexican Migration

- 1910s-1920s: Mexican immigration encouraged to fill labor needs in U.S.
- World War II
 - U.S. labor shortage (workers in armed forces)
 - Mexican Labor Program (Bracero Program) to 1964

• Maquiladoras

- Border Industrialization Program (1965) initiated by
 Mexico
- U.S. labor-intensive manufacturing industry
 - Import of raw materials, semi-finished parts from U.S.
 - Manufactured products to be re-exported (since 1989, 50% can be sold in Mexico)
- Mexican wage-rates are cheaper than U.S. rates.

North America Free Trade Agreement (NAFTA), 2001

- Loss of special tariff status for maquiladoras
- Increased integration of border area as a region as more people cross it daily.
 - Income differential between U.S. and Mexico.
 - Mexican workers legally enter U.S. daily for higher paying jobs.
 - Tourists/retirees from U.S. go to Mexico for lower costs.
 - Mexican shoppers go to U.S. stores for goods not available at home.
 - Cross-border travel to visit friends and family.
 - "Twin cities" exist along border from the Gulf of Mexico to Pacific Ocean.