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
 - Same format as exams I and II.
 - Last day to hand in Exam III extra credit exercise and "Landscape Analysis" extra credit option.

Regional Landscapes of the **United States and Canada**

The Great Plains and Prairies

Part 2

Prof. Anthony Grande

American Landscape: Ch. 9 also review Ch. 2 and 7. Historical Atlas: Sect. 6

Perception of the Great Plains

■ Native Americans were to first to live on the plains. They found it a good place to live, moving with the seasons and following the animals.

☐ Spanish explorer

Coronado (he was raised in dry Spain in the 1500s): "This region is the best I've seen for producing the crops of Spain. [It is] very flat and black [and] well watered by the rivulets and springs.

Unfavorable

- ☐ Early 1800s, Easterners and Northern European immigrants saw it as "wholly unfit for cultivation and habitation." No trees = Bad for farming.
- ☐ 1850s-1930s: Area was called the "Great American Desert."
- □ 20th century views: Shaped by literature (novels) and Hollywood (movies): dry waste land inhabited by Indians, buffalo and cattlemen.

Plains Indians

Lived a nomadic lifestyle (hunting/gathering).

- Buffalo (bison) hunting main livelihood.
- · Mobility was limited at first.

Acquired horses in 1500s (from Spanish)

- · Allowed diffusion throughout the Plains.
- Increase access to food and shelter.
- Were able to follow the buffalo herds.
- Tepees were traveling homes.

Pushed out of the Great Plains by American westward expansion

- Loss of buffalo (their food) to trophy hunting.
- Transcontinental RR allowed Easterners access to area.
- Land claimed by farmers and ranchers.



Head-Smashed-In Buffalo Jump

World Heritage Site, Fort MacLeod, Alberta



First American Settlers

See maps on pp.36 and 46 of the atlas.

First arrivals (pioneers) in 1820s:

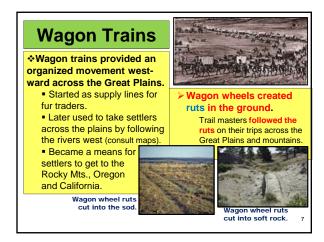
· Settlement hindered by a lack of trees for building, fencing, fuel and by a lack of water.

Agriculturalists bypassed this area (perception!)

- Called it the "Land to get across."
- Favored Rocky Mt. foothills and west coast tracts where there were trees.

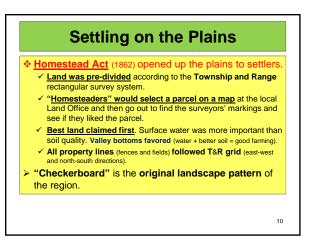
People moved through the area convoys called wagon trains.

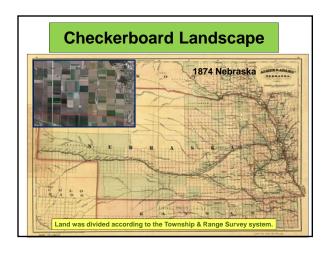


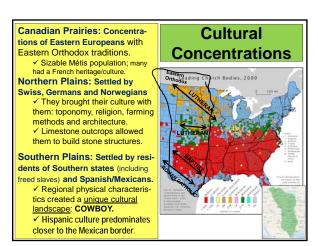


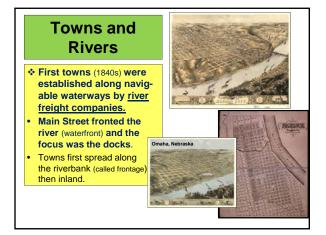


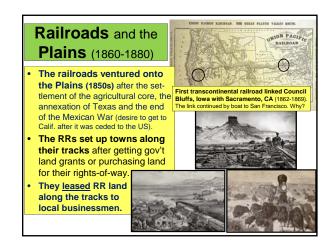


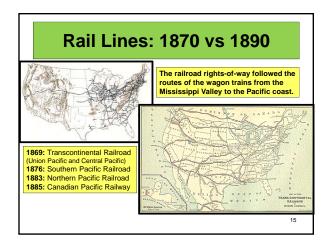


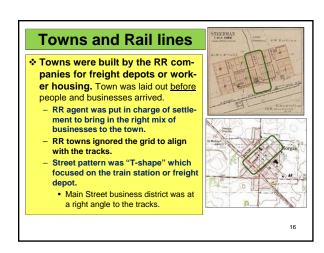


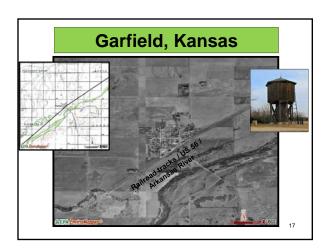


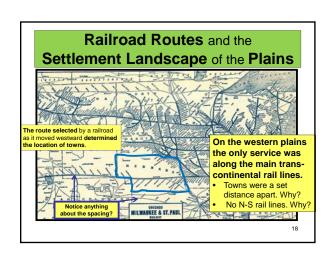












Problem Landscape Develops

- Township & Range had no allowance for public roads and varieties in the topographic landscape. (Canada adopted T&R in 1871 and incorporated roads of a specific width along alternate boundary lines.)
- All roads were laid straight even if the grade was steep.
- Very few curved/irregular lines are found on area maps.
 - Results in longer travel distance between places (time/distance factor).
- Railroads can't do right angles, tight curves and steep slopes. Companies purchased parcels that would allow for curved track sections.
- The checkerboard landscape was "cemented" by the designation of state highways and paving of rural roads.
- Location of civic and religious places is a result of Homesteaders giving away their poorest sections

Settlement and Technology

In western areas intense agricultural settlement was delayed until the development of technologies to deal with the plains environment:

- Wood brought in by freight trains allowed for frame buildings and other construction projects.
- Barbed wire (for fencing)
- Deep-well borers to get to the water and windmills to pump up the water.
- Mechanization of grain farming, esp. steel plows.

Canada's Prairie Provinces

Northernmost section of the Plains

Originally controlled by the Hudson's Bay Co.

Discouraged settlement as interfering with trapping/fur trade

Became part of Canada in 1870

- Adopted and modified Township and Range in 1871.
- Encouraged settlement but conditions limited its use for farming. RR came in 1885 but many people just "passed through" on their way to the Rockies and West Coast.

Leases, rather than land grants, controlled the land.

Today focus is on grain production.

 Manitoba, Saskatchewan and Alberta are Canada's main wheat producers.

Most is exported to Europe via Hudson Bay or St. Lawrence Seaway



American Granary

Central Plains

Agricultural focus is on a variety of grains.

- Covers the area from Canadian border to northern Texas.
- Temperature, growing season and precipitation determines the type of grain grown.
- Oats and barley in the colder, drier areas as Montana, North Dakota, and South Dakota.
- Wheat (several varieties) is the chief crop: Nebraska to northern Texas





Landscapes of Grain Storage and Distribution Storage. Small grain eleva-

ors or open-air mounds.

Distribution. By rail and truck to ports for shipment via water to processing centers





Open Range

Southmost Section of the Plains

Focus is on ranching in Oklahoma and Texas

- · Cattle and sheep introduced by the Spanish. (This area became part of the US in 1846.)
- · Cattle ranchers use the land extensively (as opposed to intensively). Plentiful grasslands for cattle grazing but too warm/dry for 1800s farming technology.

Expansion after Civil War (1866-1886)

- ✓ Unbranded cattle running loose during Civil War.
- ✓ Railroads linking east and west coasts.
- ✓ <u>Cattle drives</u> north to rail heads in Kansas

Collapse in late 1880s.

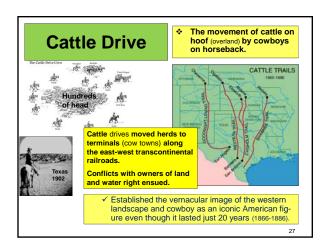
- Overgrazing
- New cattle-raising
- operations in Midwest. Slipping national economy
- Blizzards (1887/1888) killed cattle.
- · Influx of farmers with new technologies.

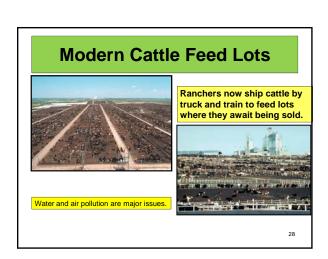


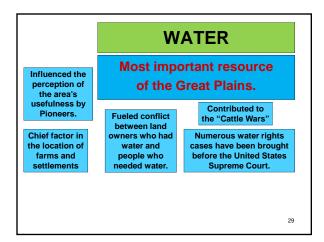
"The Wars"

- Range Wars: Conflict between cattlemen and land owners and farmers.
 - Cattlemen needed to move cattle north to the transcontinental railroad depots in Kansas.
 - Needed water and grass for the herds.
 - Conflict of rights: land ownership precepts, water rights and open range concepts.
- Sheep Wars: Conflict between cattle and sheep ranchers in Southern Plains.
 - Revolved around disputes over land and water rights.
 - Cattlemen's disdain of sheep: overgrazing the range and polluting watering places used by cattle.

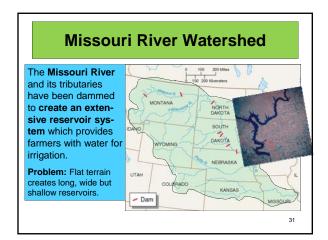
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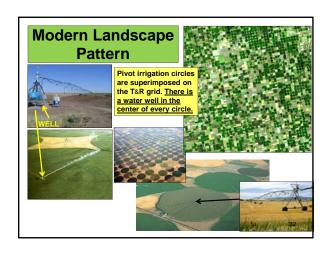


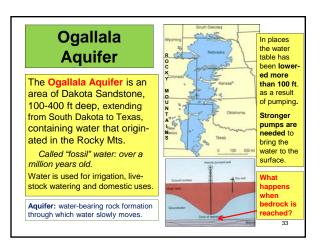


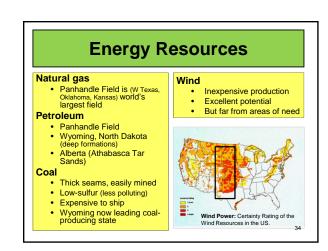


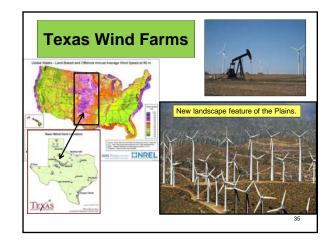
Control of Water · Riparian Rights The guidelines that governed (English Common Law and East Coast implementation applied mineral claims under the Right of Prior Appropriation are: where water is abundant): The claim must be officially Requires all parties be recorded and posted. given reasonable use of the 2. Must be continually used and water kept up or else it would be lost Right of Prior 3. All disputes were settled on a Appropriation first in time, first in right Developed in the mid-1800s as a way to treat mining claims in the West. Later it was applied to This effectively closed out later settlers from using available sursettle claims to surface face water and caused conflict water in areas where water especially in times of drought. is scarce.

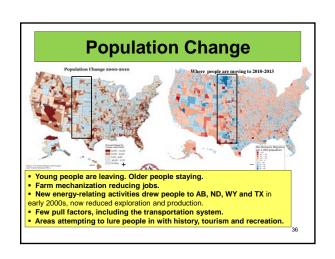












NEXT

Mountains and Plateaus: The Empty Interior

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