

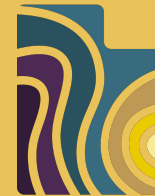
Welcome to Salt Lake City

Entering

SALT LAKE CITY

State of the Map US

June 6–8, 2024

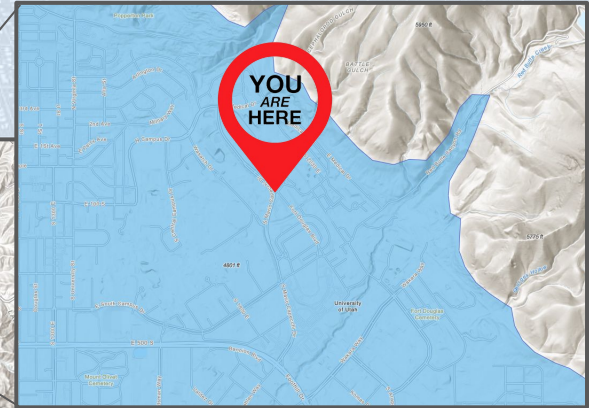
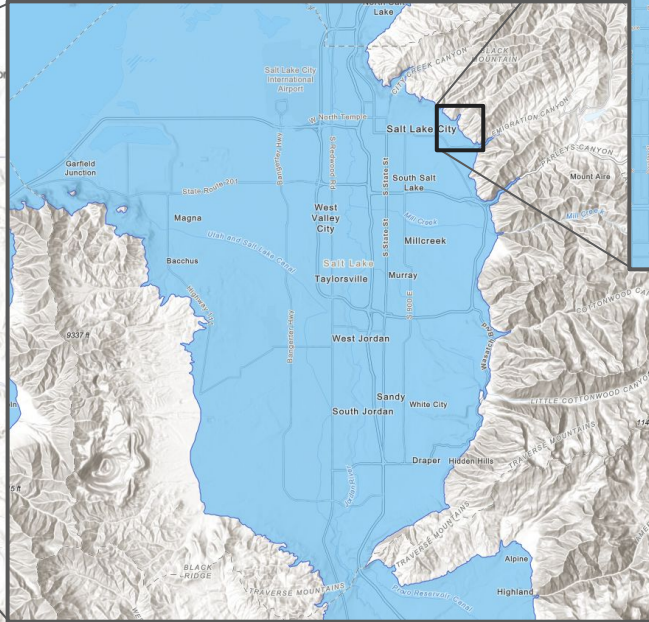
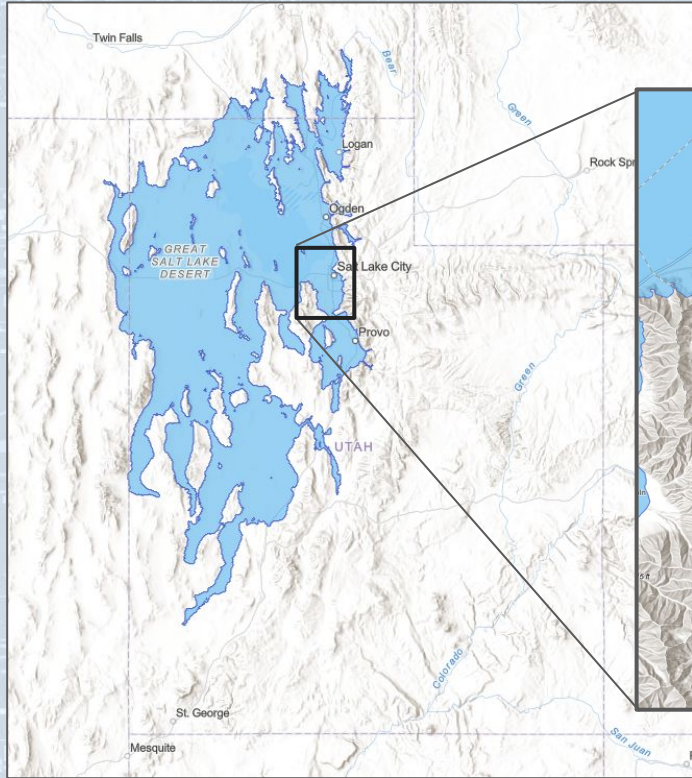


UGRC

Utah Geospatial Resource Center

Greg Bunce

Lake Bonneville (18,000 years ago)

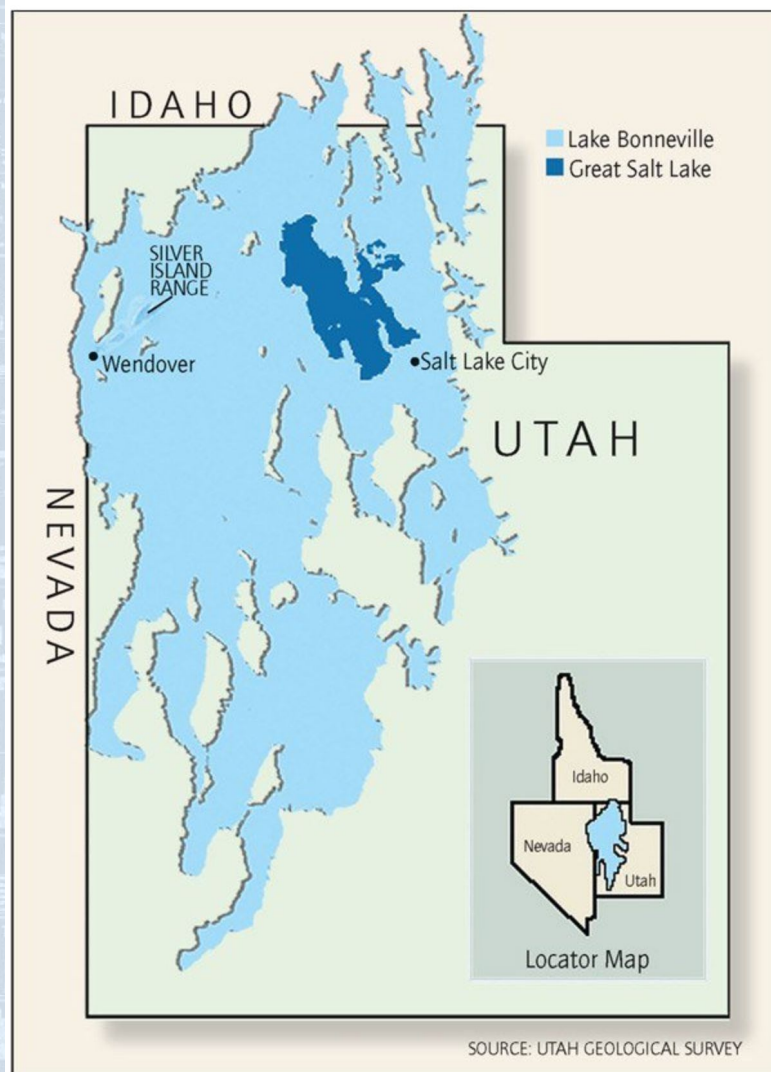


University of Utah

Salt Lake Valley

Utah

Great Salt Lake and Lake Bonneville (18,000 years ago)





Lake Bonneville's Shorelines

Top 5555'

Block U Symbol of the
University of Utah 5200'



Bonneville Shoreline 5090'



This is the Place
Monument 4925'

Provo Shoreline 4740'

Utah State
Capitol Building
4530'



Stansbury Shoreline 4500'

Salt Lake Temple
The Church of Jesus Christ
of Latter-day Saints 4325'



Base 4320'

Gilbert Shoreline 4250'

Highest Recorded Level

Great Salt Lake 4200'

Lowest Recorded Level

Kennecott Utah Copper Smelter Smokestack



Steep Mountain

Bonneville shoreline



sand and gravel



Oquirrh strata





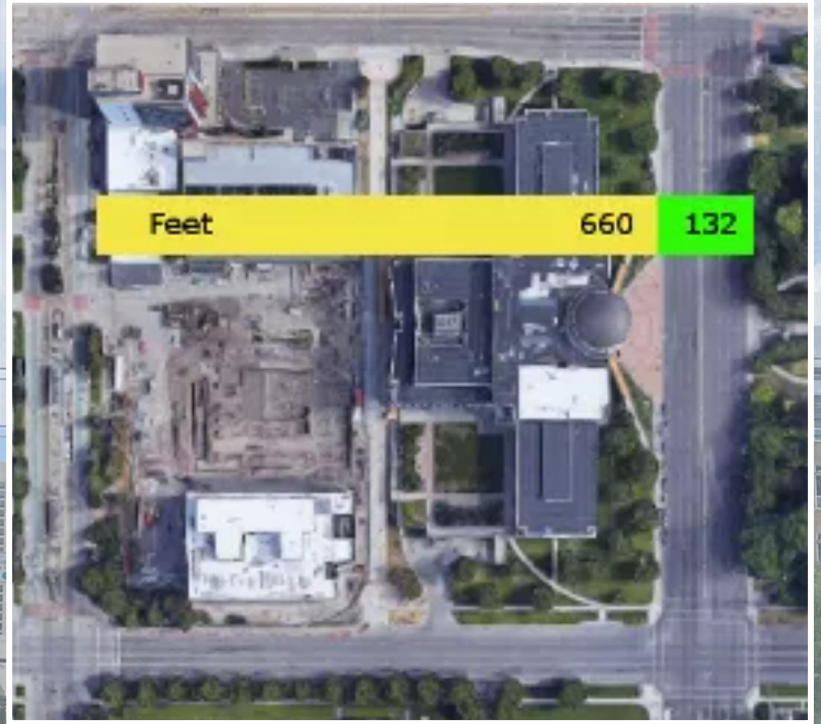
2023

132 feet - Salt Lake City





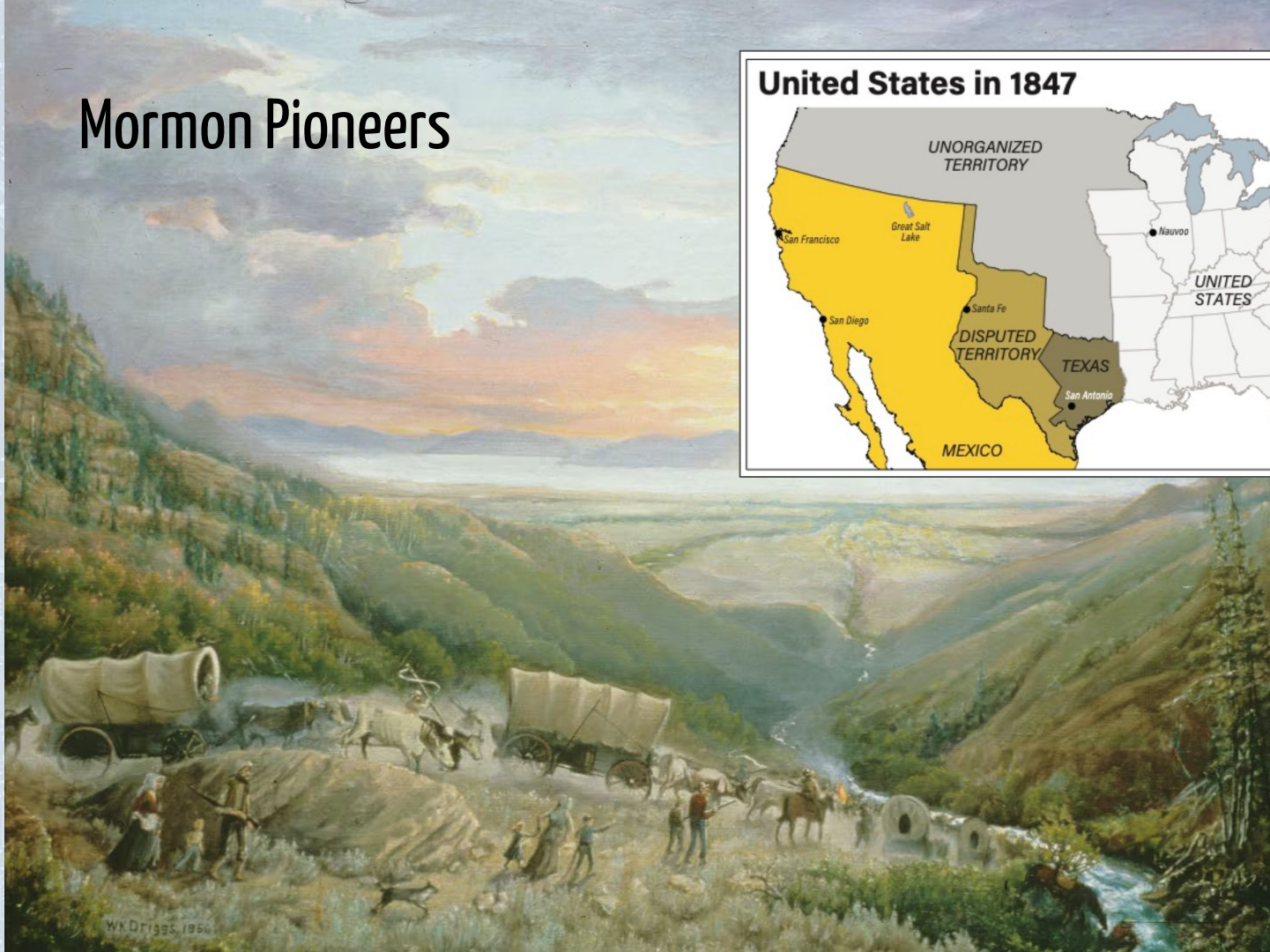
Portland, OR



Salt Lake City

1847

Mormon Pioneers

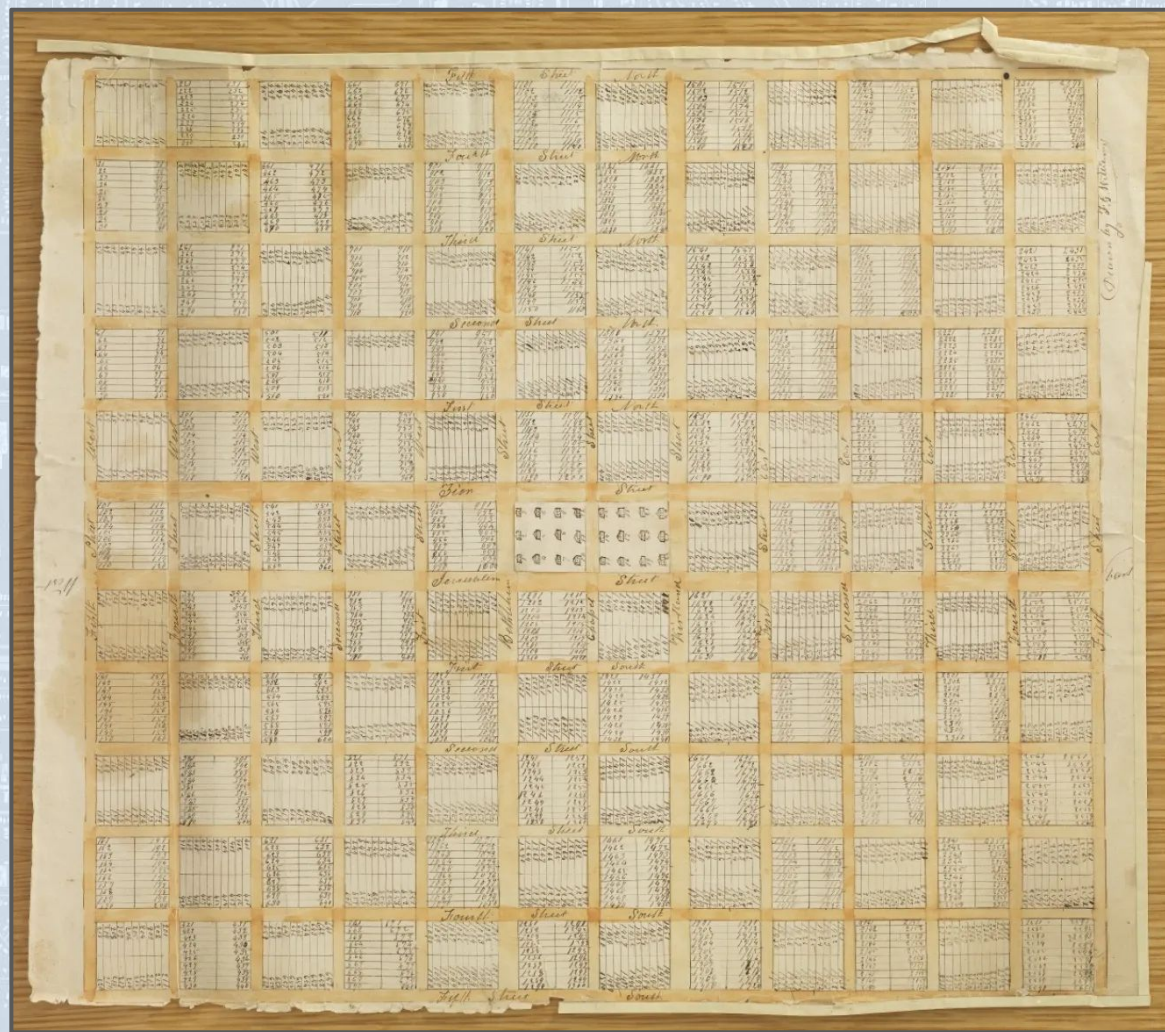


United States in 1847



Plat of the City of Zion

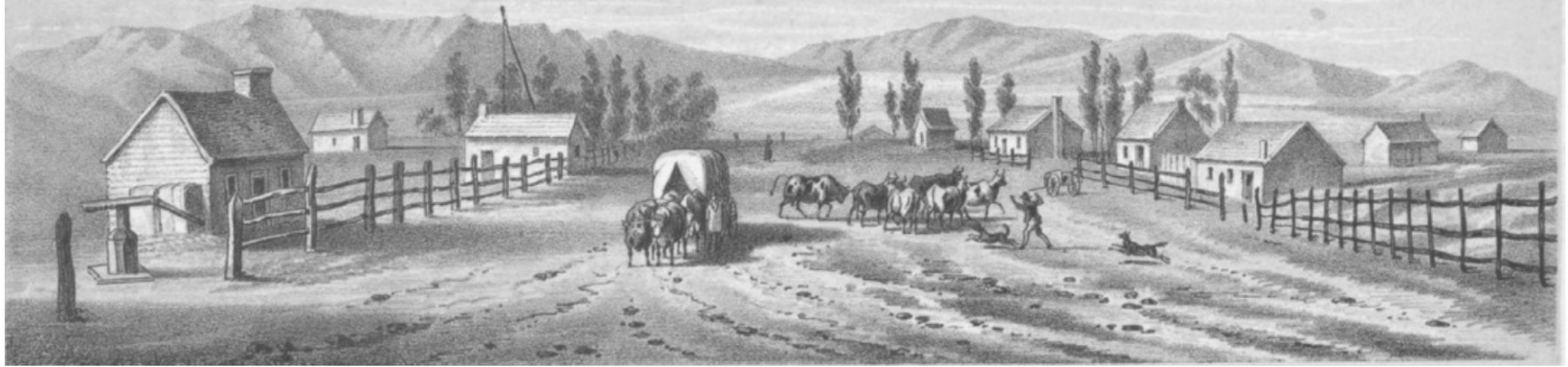
(circa 1833)
Joseph Smith





Brigham Young, directed that the streets of Salt Lake City be made sufficiently wide so that a wagon team could turn around without “resorting to profanity”

- Deseret News, July 13, 2009





THE
CENTER

us bank

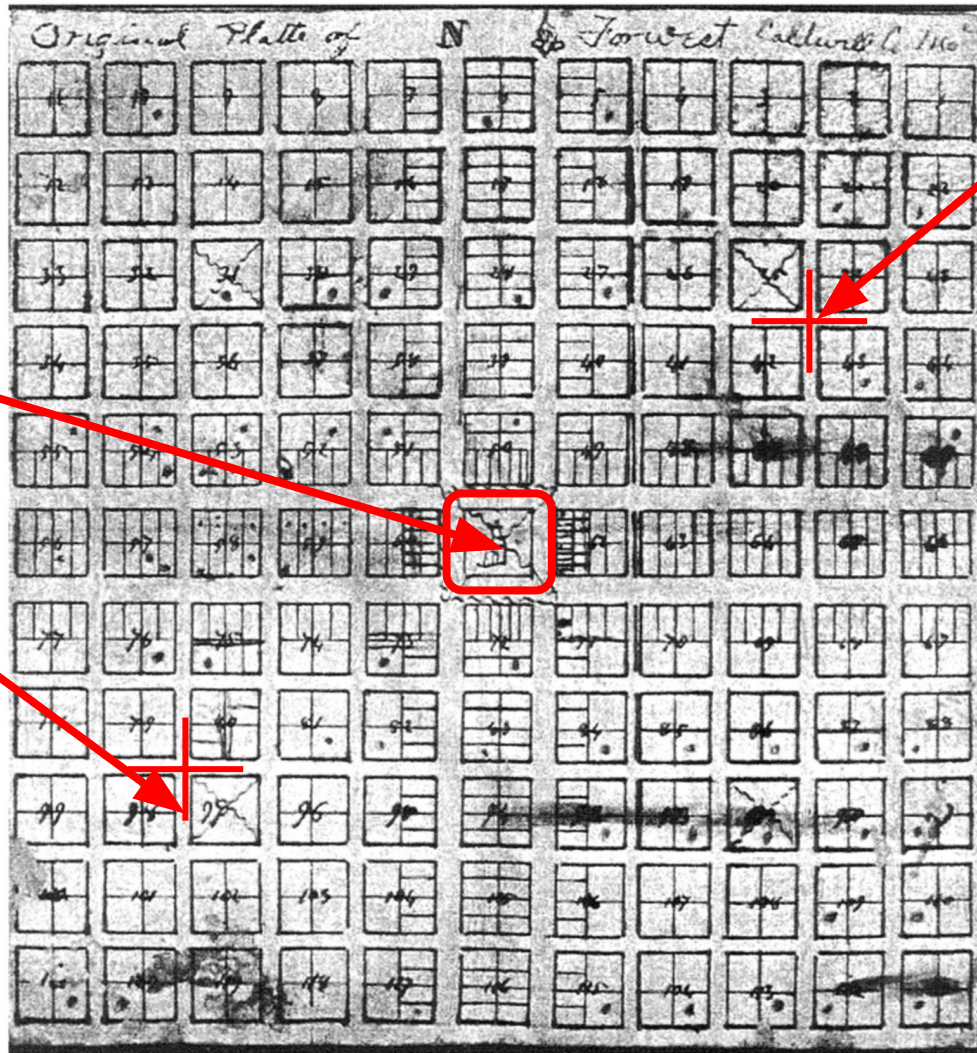
amc's

MONTPELIER

Utah's Coordinate Addressing

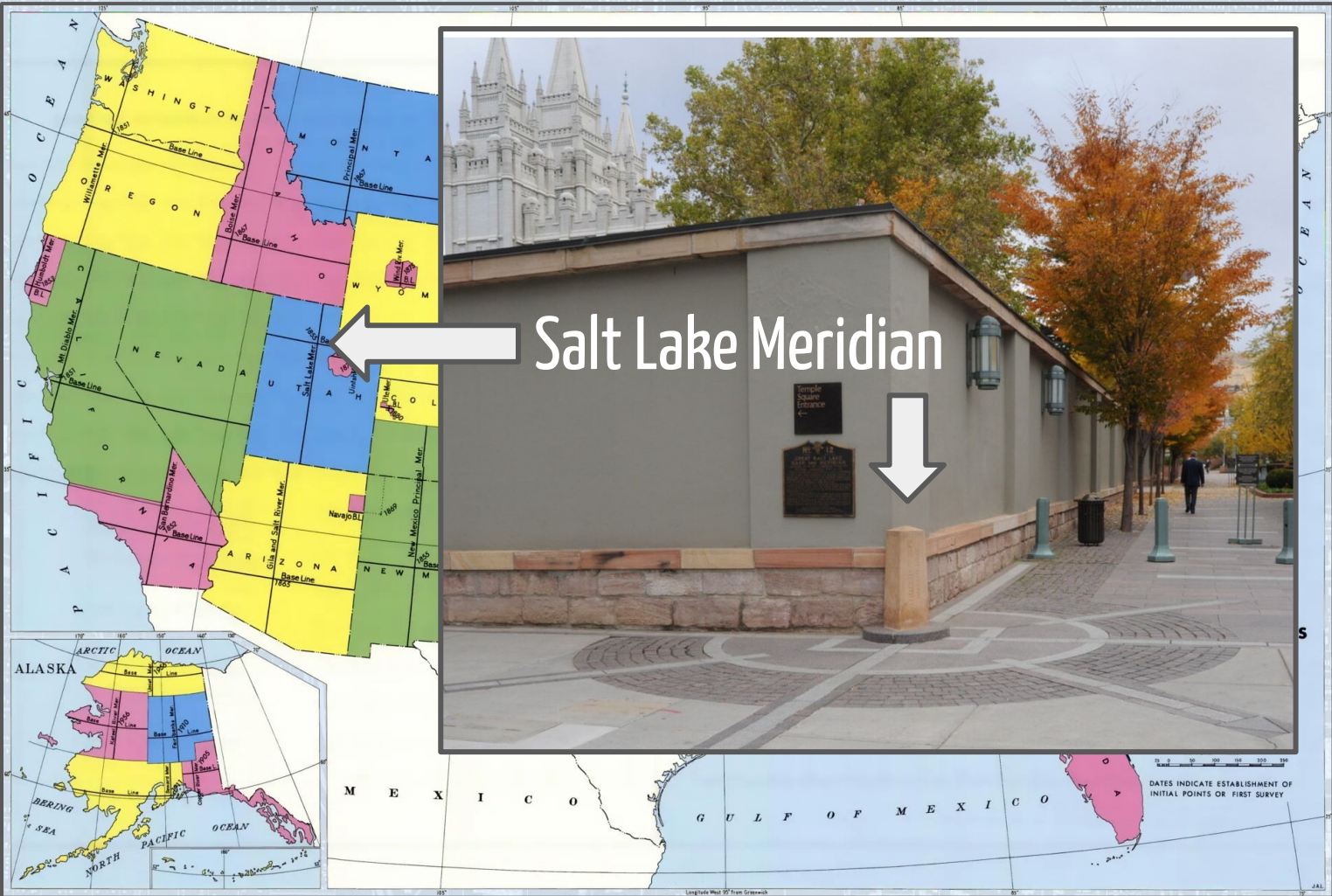
0,0 (origin)

200 S, 300 W
(SW quad)



300 N, 200 E
(NW quad)

Public Land Survey System (PLSS)



The Western Grid in four

Urban Areas

Feet	660	132
Chains	10	2



San Francisco



Portland

Phoenix

Salt Lake City



The Western Grid, Explained



Fort Douglas (est. 1862)



The Beehive State



The Busy Bees



Early
adopters
1970s



1991

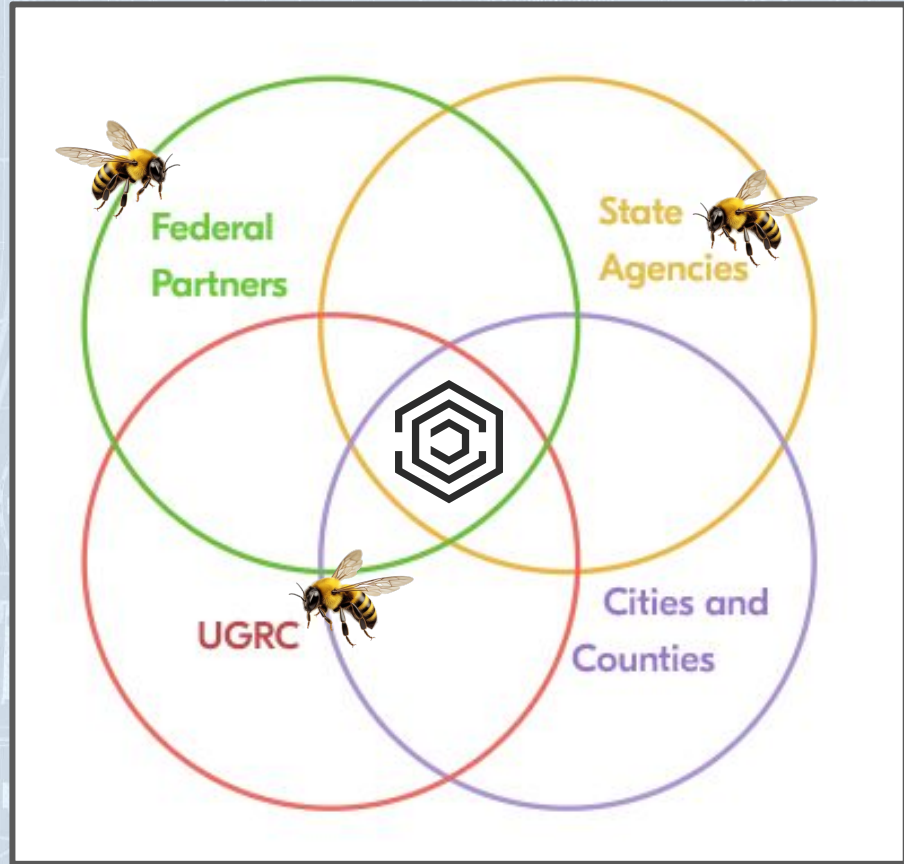


SGID

**STATE GEOGRAPHIC ———
INFORMATION DATASOURCE**



SGID
Authoritative



Search Catalog



SGID

Find Utah Authoritative Data

SGID - Connecting people with information

Explore the SGID through data categories

Ba
Basemaps

Bi
Bioscience

Bo
Boundaries

Ca
Cadastral

Ci
Climate

De
Demographics

Ec
Economy

El
Elevation

En
Energy

Ev
Environment

Fa
Farming

Ge
Geoscience

He
Health

Hi
History

Lo
Location

Po
Political

Pl
Planning

Re
Recreation

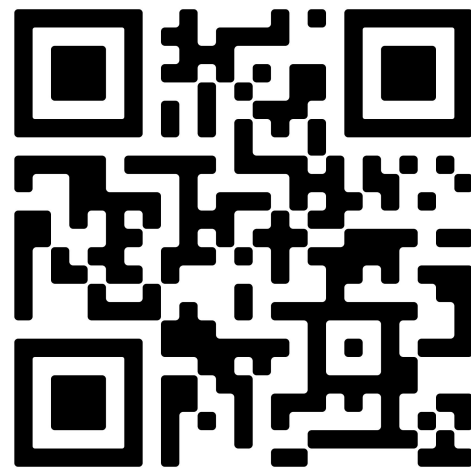
So
Society

Tr
Transportation

Ut
Utilities

Wa
Water

opendata.gis.utah.gov





SGID

STATE GEOGRAPHIC
INFORMATION DATASOURCE



VOTE



Transportation





SGID

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INFORMATION DATASOURCE



Trailheads*

Trails

Campgrounds

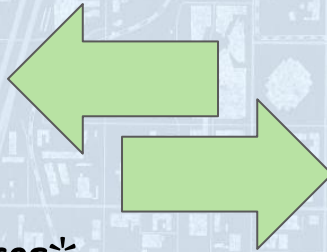
Boat Ramps

Ski Lifts

Commonplaces*

Parks

Golf Courses



**Data
Flow**



SGID
Authoritative

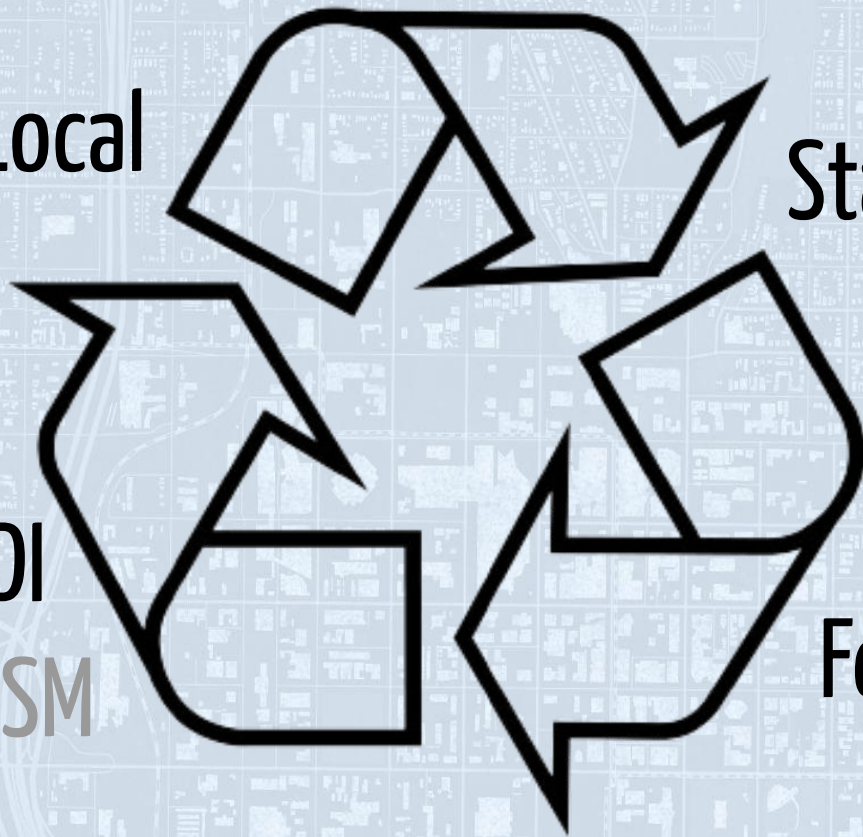
Local

NSDI

OSM

State

Federal



interconnected
geospatial
ecosystem



Enjoy the conference



Salt Lake City

green Loop

54 ACRES OF OPEN SPACE
ALONG THE GREEN LOOP

SPACE FOR PUBLIC ART
AND LOCAL ARTISTS

50 TREES PER BLOCK

BUILT-IN BENCHES

ADDED SPACE FOR PATIO SEATING

INCREASED BIKE FACILITIES

STORMWATER MANAGEMENT



