

# QUESTIONS FOR MAP SCAVENGER HUNT

Teacher: Give the questions below orally. Students work through each question and when ready, raise their hands. You can tally which group was first, then which group came up with the correct (or reasonable) inference, and which group was the most creative in their interpretation of the map facts.

## Questions:

1. You are a pioneer, first to come to Utah County to settle. At what part of the lake shore do you want to settle that will get you away from the Utes, but close enough to the lake for fishing?
2. In a flood year, on what part of the lake shore do you NOT want to have a farm?
3. You want to be able to tell a friend how many miles Lindon is from Springville. Which Map is the best and why? How can you measure distances on the map?
4. What would be the shape of Utah Lake if the Spanish Fork River dried up or was diverted and did not contribute to the size of the lake? (Hint: Find where Spanish Fork River enters the lake and change the outline there).
5. You want a great mountain retreat with a westerly view of the lake. Which mountain range would you select to build your mansion? Determine a particular place on a map where you would live.
6. You want to demonstrate that Utah Lake is a freshwater lake and it is deep in one area. Find a place using the maps that seem to show depth and freshwater make-up of the lake.
7. If you were to build a road around the lake, and it would cost a dollar a foot, how would you determine the perimeter of the lake and how much would it cost? Which map would best represent this road?
8. You are asked to rename Utah Lake, using the name of some water feature that is nearby. What seems to be the most logical new name for the lake?
9. Marshes and wetlands do not allow farmers to grow crops. Which area of the lake shore would be the poorest land to farm?
10. Sometimes, maps do a good job showing the vegetation of a region. You want the most accurate representation of areas that can grow good alfalfa to advertise land sales to dairy farmers. Which areas close to the lake seem to be best for farming alfalfa?
11. Summing it up: Write in your group three important things you learned about reading a map.

# MAP SCAVENGER HUNT GAME

Instructions: Use any of the maps of Utah Lake (besides the Google ones) to find and infer certain things from the maps. Discuss these answers (quietly) with your group to come to one or two good answers to write down. Be ready to defend your answer to the class.

1.

2.

3.

4.

5.

6.

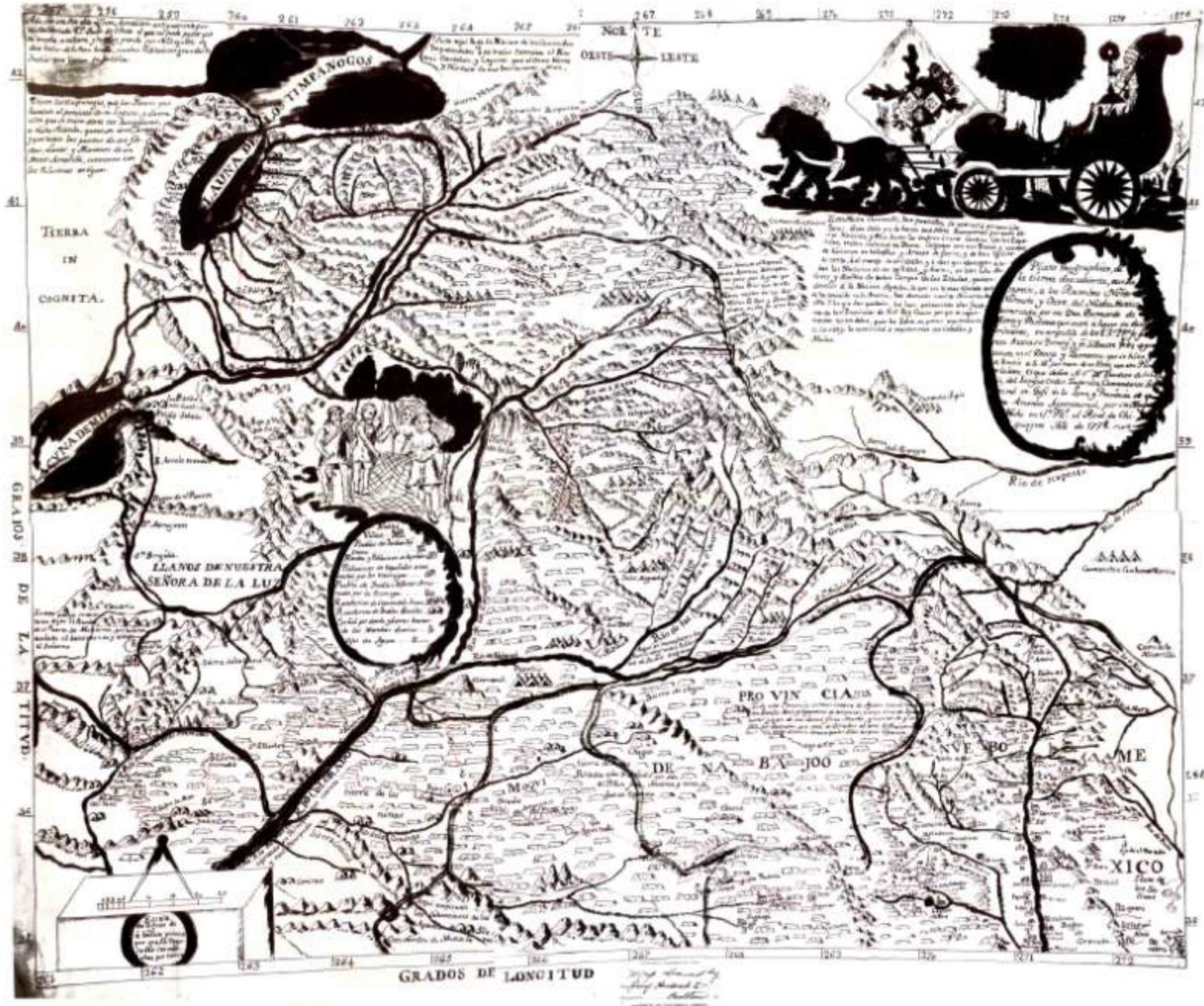
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8.

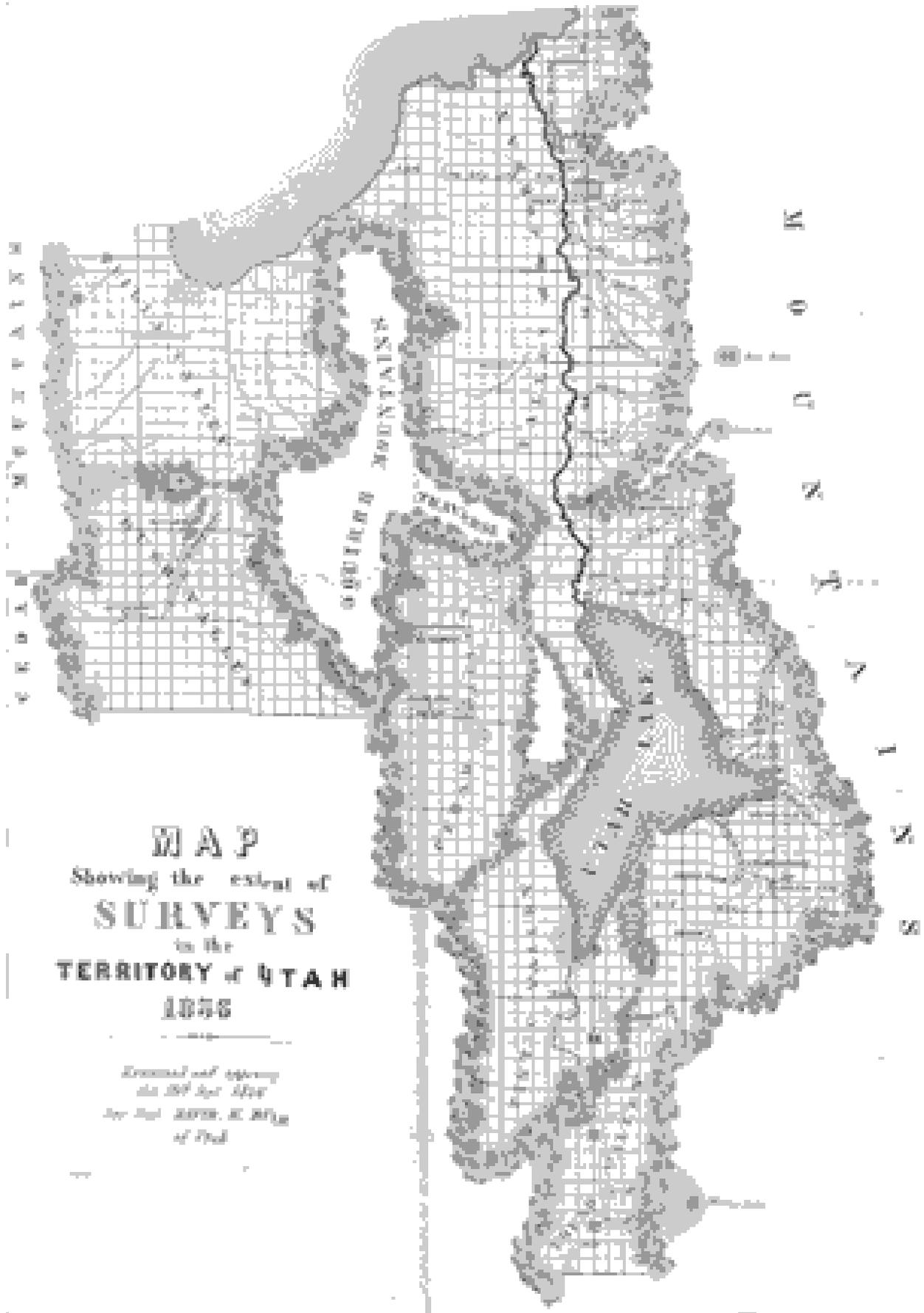
9.

10.

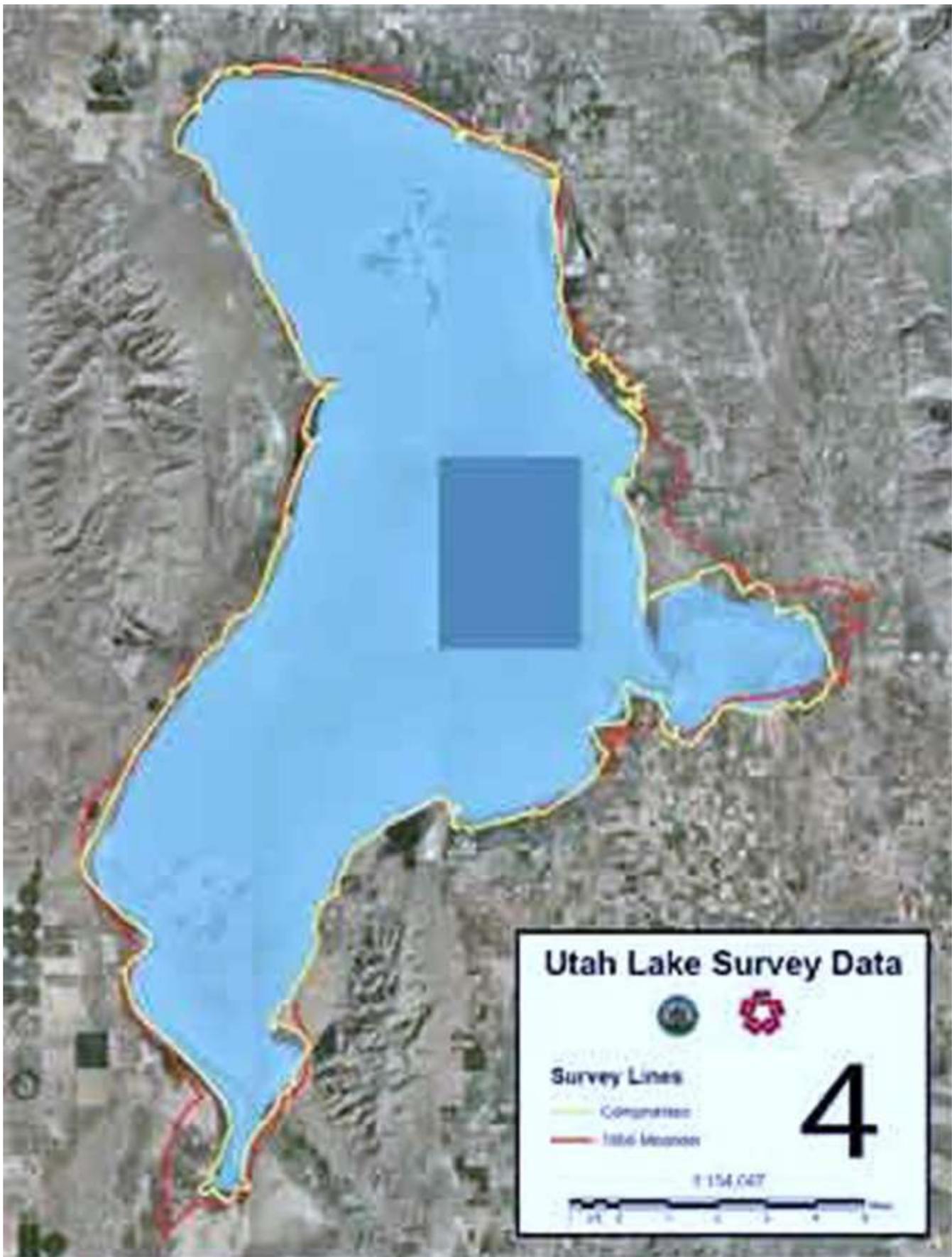
# DOMINGUEZ / ESCALANTE MAP - 1776



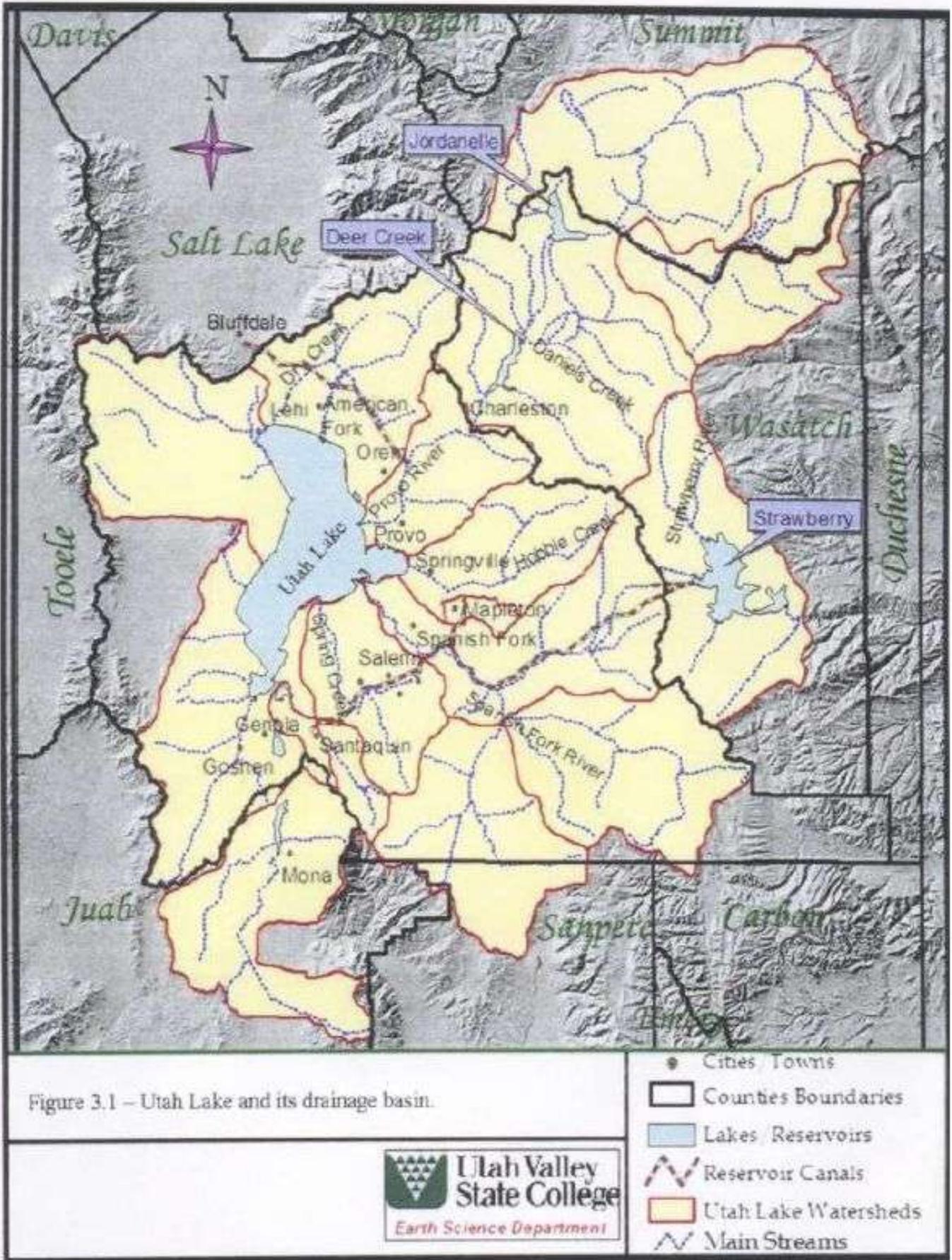
# MAP OF UTAH LAKE -- 1856



# GEOLOGICAL SURVEY MAP OF UTAH LAKE -- 2006



# UTAH VALLEY UNIVERSITY MAP OF UTAH LAKE



# UTAH LAKE COMMISSION MASTER PLAN MAP -- 2008



ANCIENT MAP OF UTAH LAKE



# EARLY MAP OF UTAH LAKE

