

Topography of Waconia

WACONIA QUADRANGLE LAB

Directions: Using the Waconia Quadrangle map, answer the following questions.

1. What is the contour interval of this map?
2. What is the scale of this map?
3. What is the elevation of Lake Waconia?
4. What is the symbol used for a cemetery?
5. What is the distance (in miles) from St. Joseph's Cemetery to the hospital?
7. What is the highest elevation on this map? Where is it located?
8. What is the lowest elevation on this map? Where is it located?
9. What is the elevation of Rutz Lake Cemetery?
10. What is the highest elevation of Coney Island in Lake Waconia?
11. Find the hill that reaches more than 1020 feet in elevation to the west of Swan Lake.
12. Measuring from the #1020 to the #980 west of the hill, find the gradient of this slope.
Hint: Find the answer in feet/mile.
13. What is the relief of this map?
14. What is the highest elevation of the hill to the east of St. Bernard Cemetery?
15. What is the elevation of school No 104?