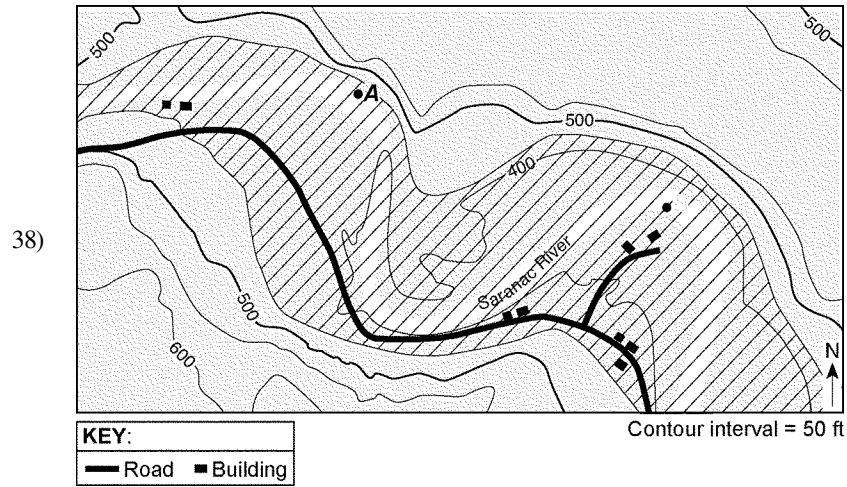
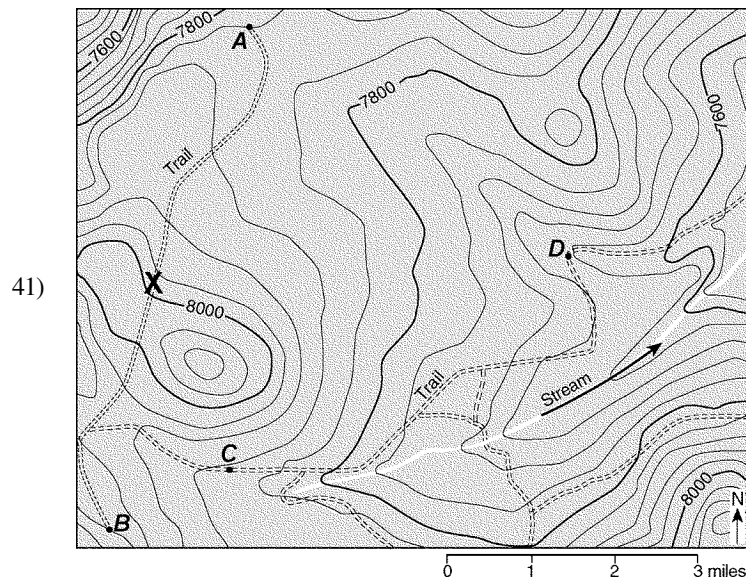
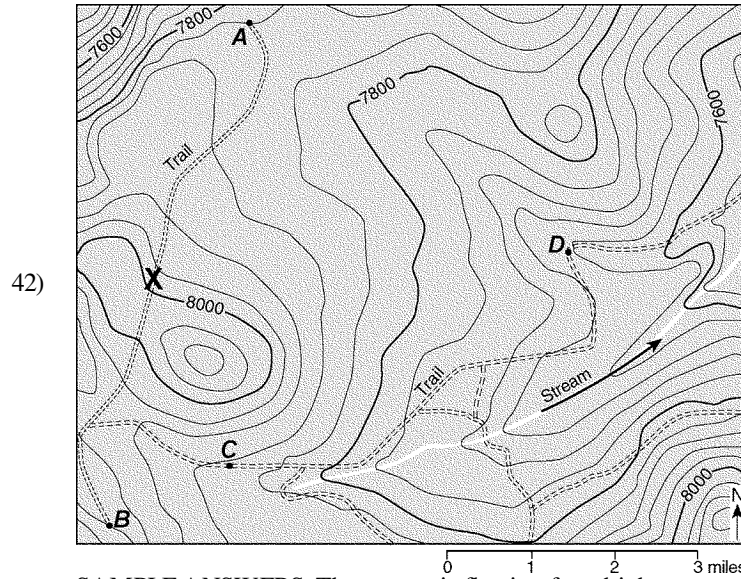


- 1) D 2) B 3) D 4) B 5) C
- 6) A 7) B 8) C 9) A 10) C
- 11) A 12) A 13) C 14) D 15) A
- 16) C 17) D 18) B 19) D 20) A
- 21) D 22) B 23) A 24) B 25) D
- 26) C 27) B 28) A 29) C 30) A
- 31) B 32) D 33) A 34) B 35) C
- 36) B 37) A



- 39) **SAMPLE ANSWERS:** The contour line bends upstream when crossing the river. OR The elevation of the river near the western edge of the map is 450 ft, but is only 400 ft farther east.
- 40) **SAMPLE ANSWERS:** move to higher ground OR build levees OR build flood-control dams upriver OR plan evacuation routes





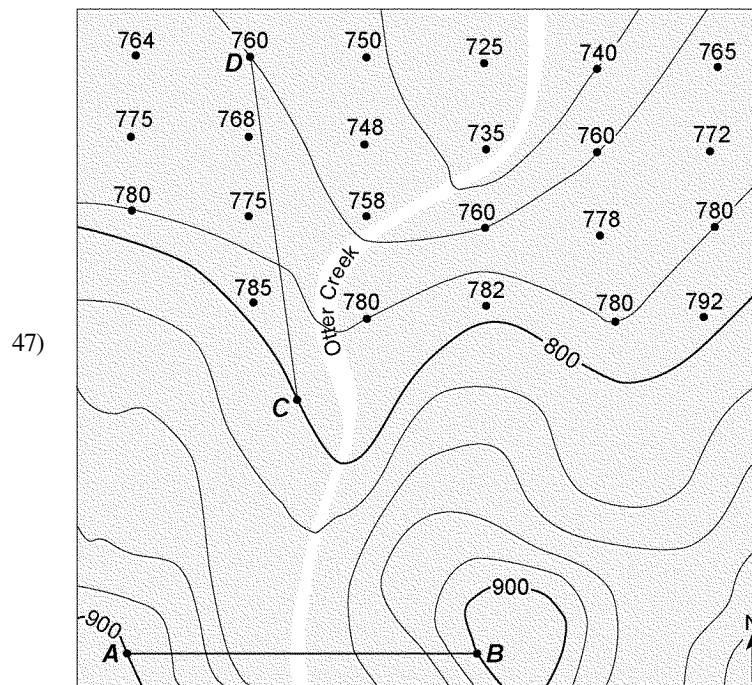
SAMPLE ANSWERS: The stream is flowing from higher contour elevations to lower contour elevations. OR Contour lines bend upstream when crossing a stream. OR Vs in the contour lines point in the opposite direction of stream flow.

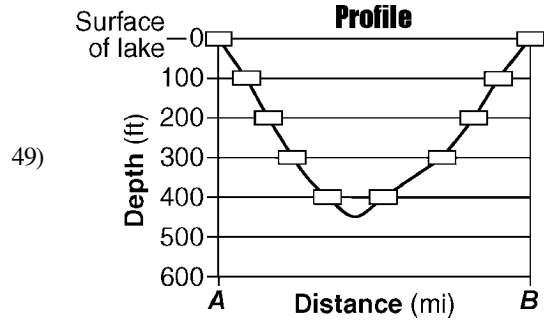
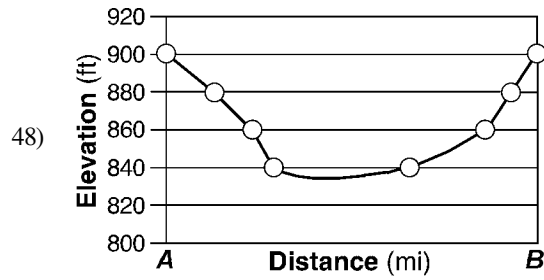
43) 40 ft

44) 1.8 h to 2.2 h

45) SAMPLE ANSWERS: 23 to 27 feet/mile OR ft per mi

46) SAMPLE ANSWERS: Contour lines bend upstream forming a V-shape. OR Streams flow from higher-elevation isolines to lower-elevation isolines. OR Isolines bend uphill when they cross streams.





50) 21 (+2) ft/mile

51) Any depth greater than 600 ft and less than 700 ft.

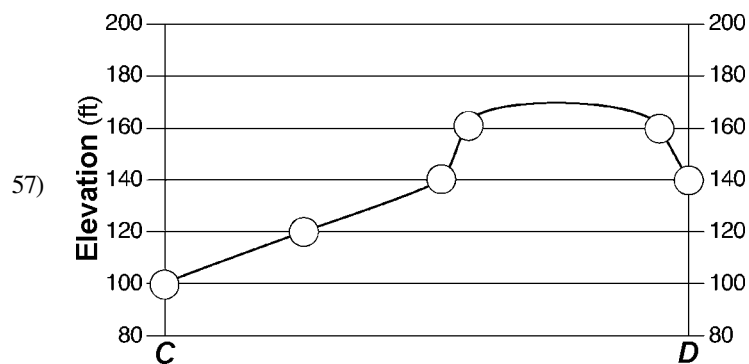
52) SAMPLE ANSWERS: The isolines are close together. OR The spaces between the lines are small. OR There is a greater change in depth over a shorter distance. OR The deepest waters are closer to the southern shore than they are to the northern shore.

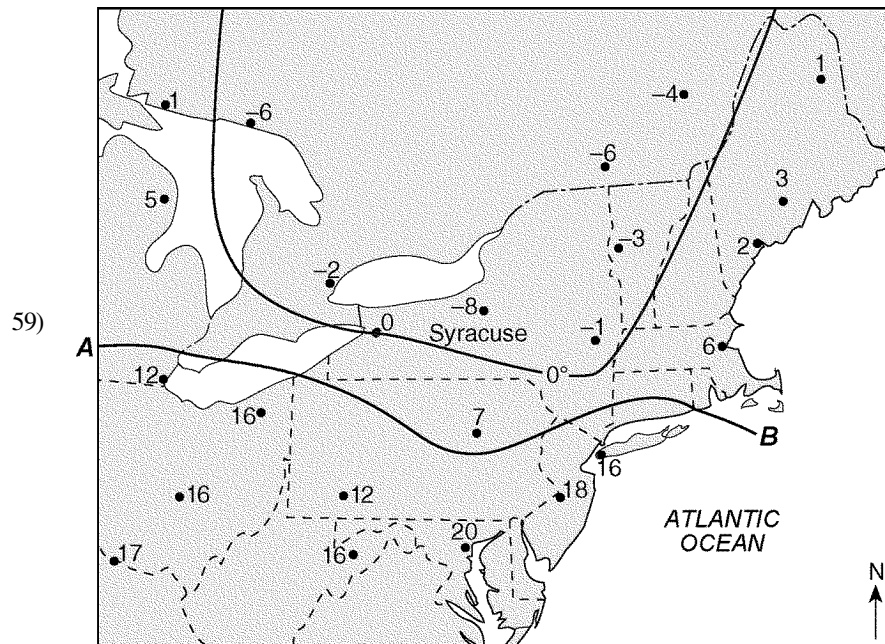
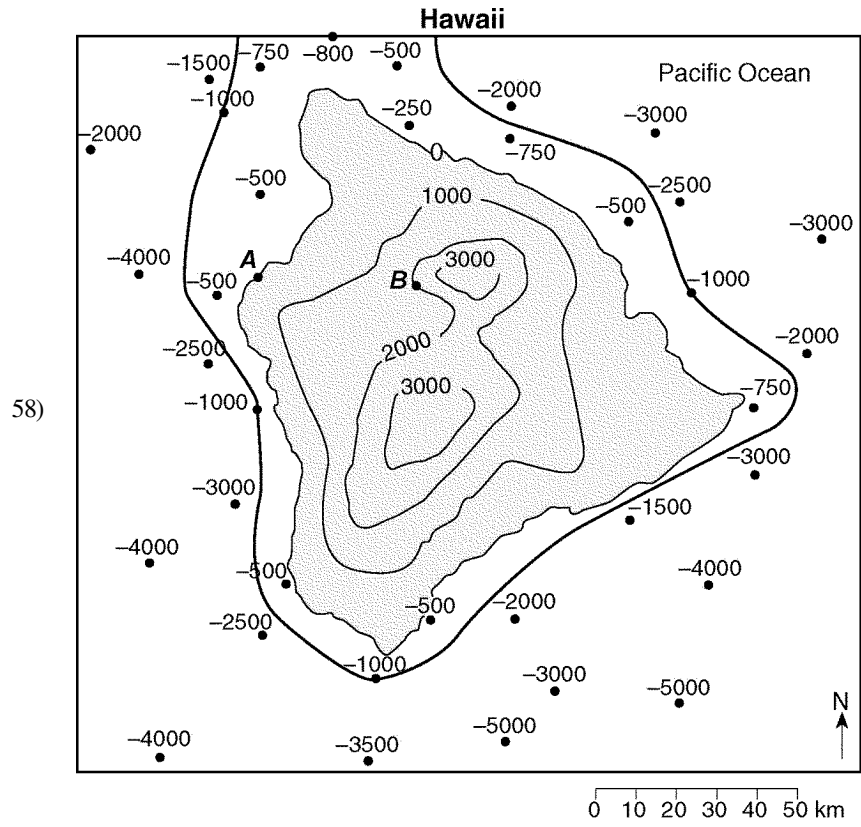
53) any value greater than 160 ft and less than 180 ft

54) SAMPLE ANSWERS: north side OR north northeast OR NE side

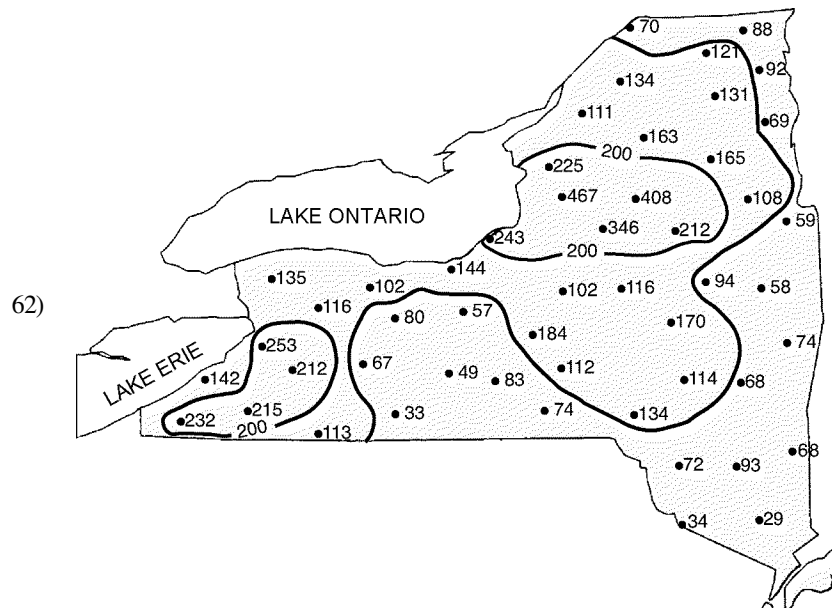
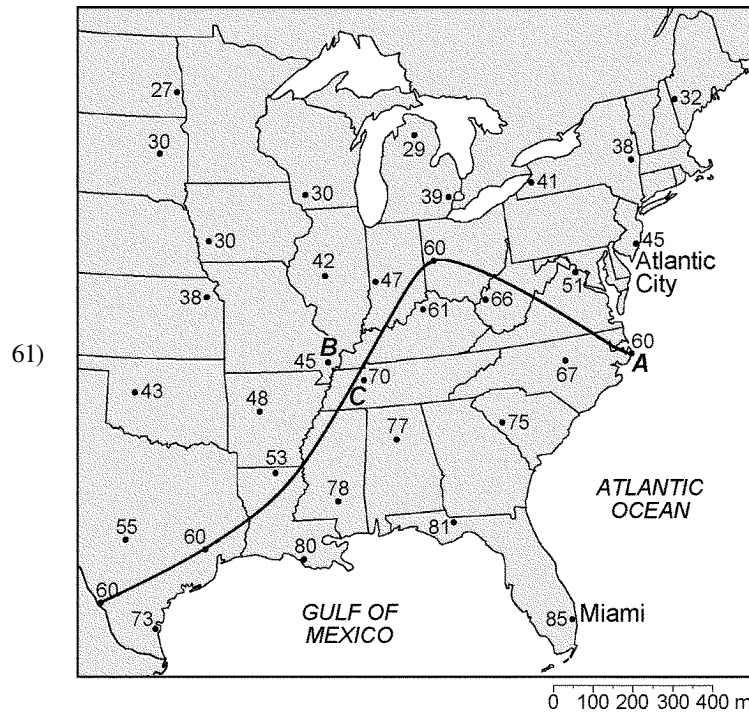
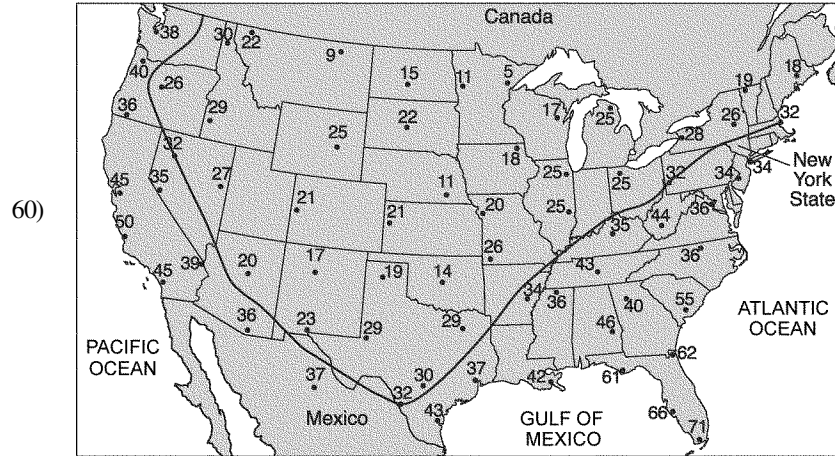
55) SAMPLE ANSWERS: Contour lines that cross the stream bend in the opposite direction of stream flow. OR Contour lines form V-shapes that indicate the uphill or upstream direction. OR Contour lines bend upstream.

56) 0.1 mi/min





Map 1 - Temperatures (°F)



63) 70 in.

- 64) D 65) C 66) B 67) D 68) C
 69) D 70) B 71) C 72) D 73) C
 74) A 75) C 76) A 77) D 78) C
 79) A 80) B 81) D 82) B 83) A
 84) D 85) A 86) C 87) D 88) C

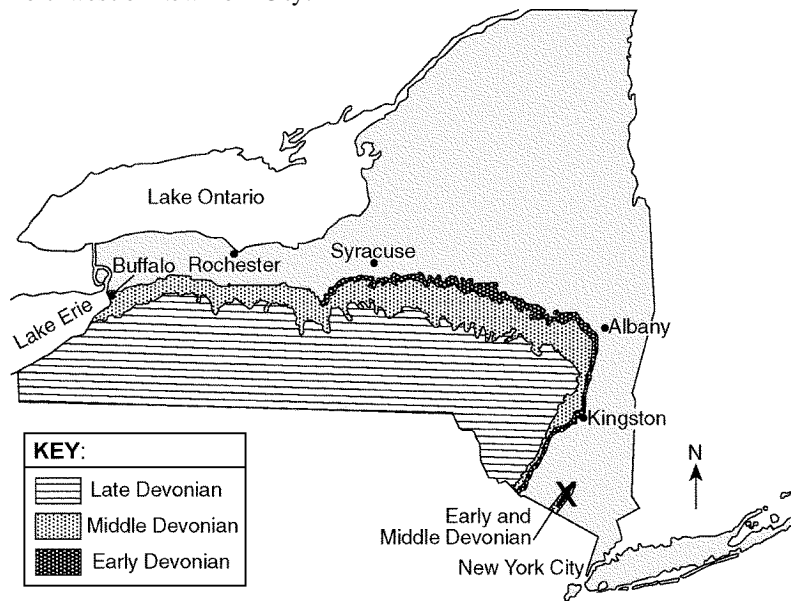
89) A

90) SAMPLE ANSWERS: Erie-Ontario Lowlands OR Erie-Ontario plains OR interior lowlands

91) SAMPLE ANSWERS: S OR south OR SE OR SW

92) B 93) B 94) A 95) C 96) A

97) The X should be within the Middle Devonian zone or the Early and Middle Devonian zone located northwest of New York City.



98) SAMPLE ANSWERS: Allegheny Plateau OR Appalachian Plateau OR Appalachian Uplands

99) Quaternary Period

100) SAMPLE ANSWERS: The glacier blocked the previous Allegheny River. OR Ice covered the original river channel. OR Glacial moraine diverted the river's path.

101) SAMPLE ANSWERS: glacial deposits OR moraines OR ridges of glacial sediments

