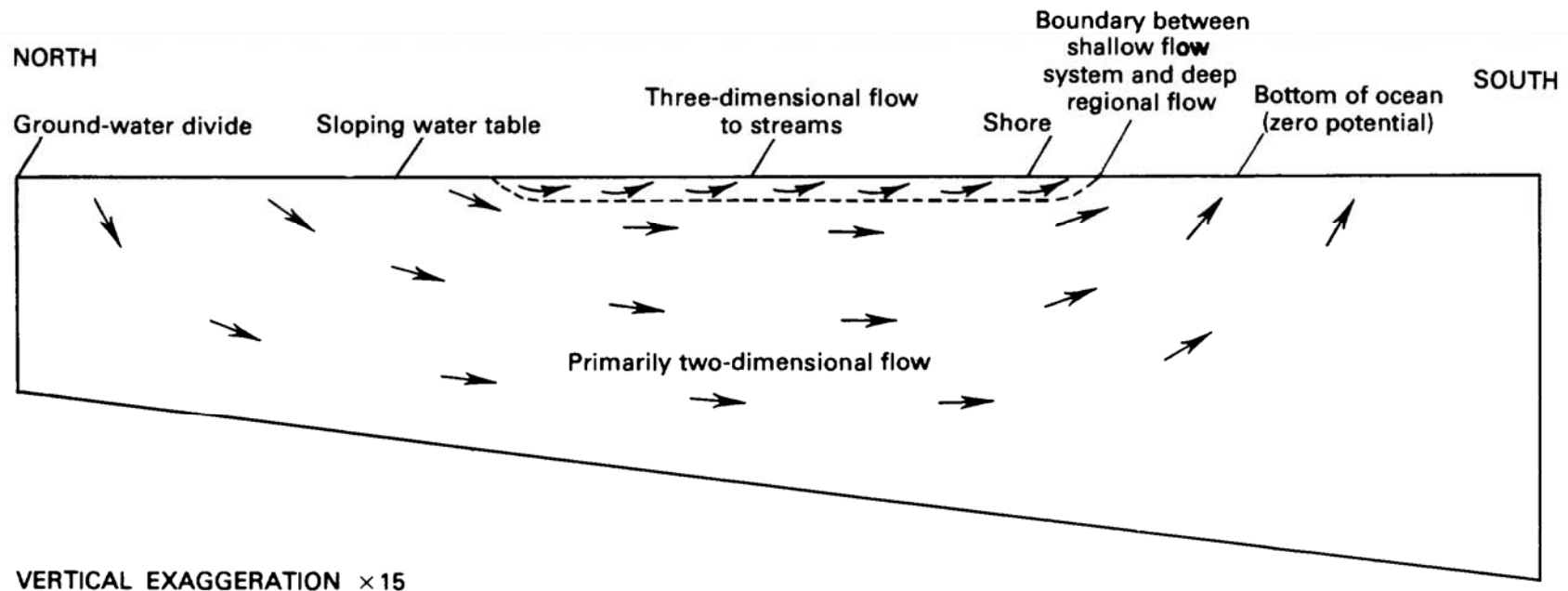


Shallow Ground-Water Flow System Near Streams

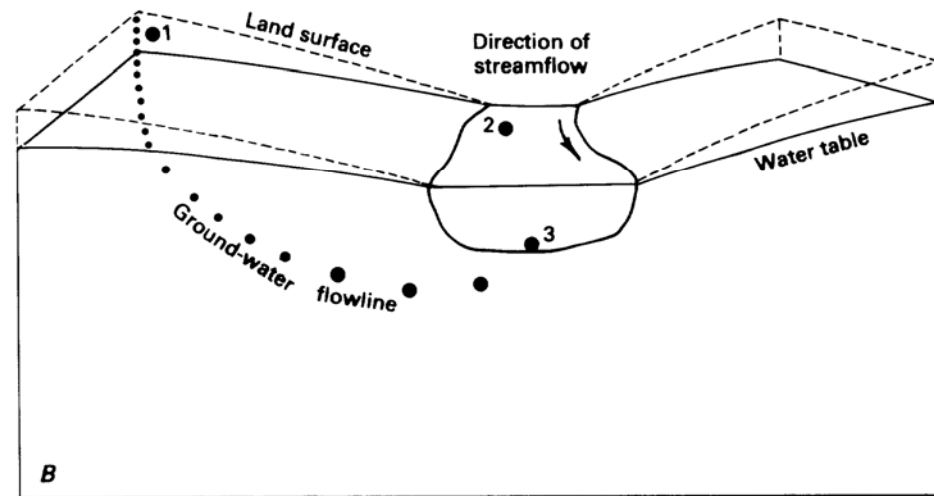
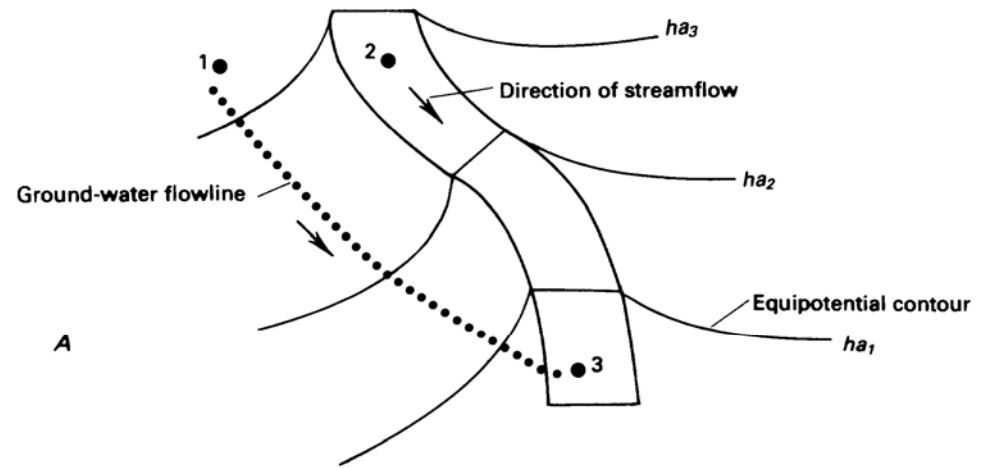


VERTICAL EXAGGERATION $\times 15$

Figure 2. Idealized cross section of southern part of Long Island ground-water reservoir showing relative size and location of shallow flow system. (Modified from Franke and McClymonds, 1972, fig. 19.)

Three-Dimensional Flow to Streams

•Fig. 3,
WSP 2309



Adjacent, Shallow Flow Systems Separated by Interstream Divides

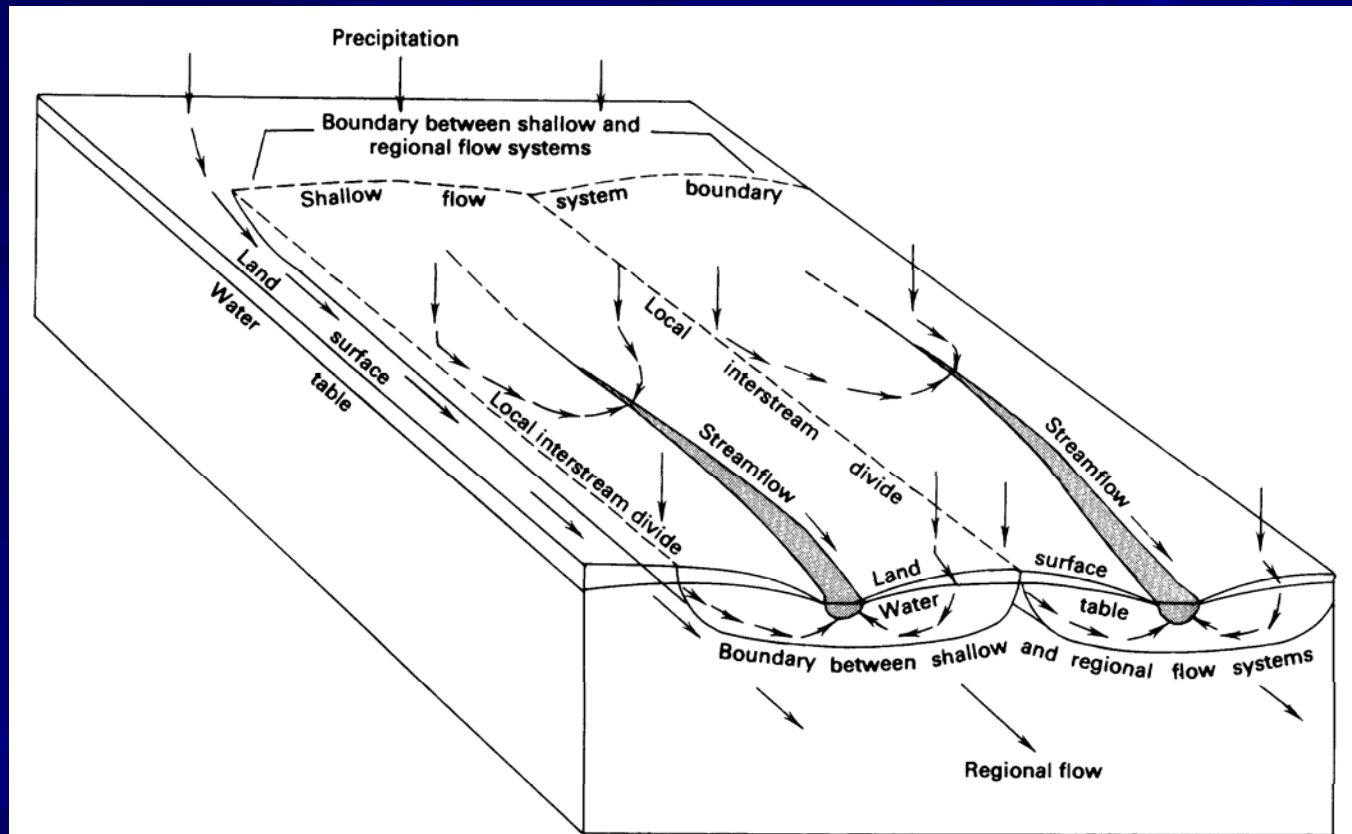


Figure 4. Shallow flow systems associated with two adjacent stream basins. A surface consisting of flow lines beneath each stream separates shallow ground-water flow from regional ground-water flow. (From Prince, 1980, fig. 9.)

Relation of Local, Intermediate, and Regional Flow Systems

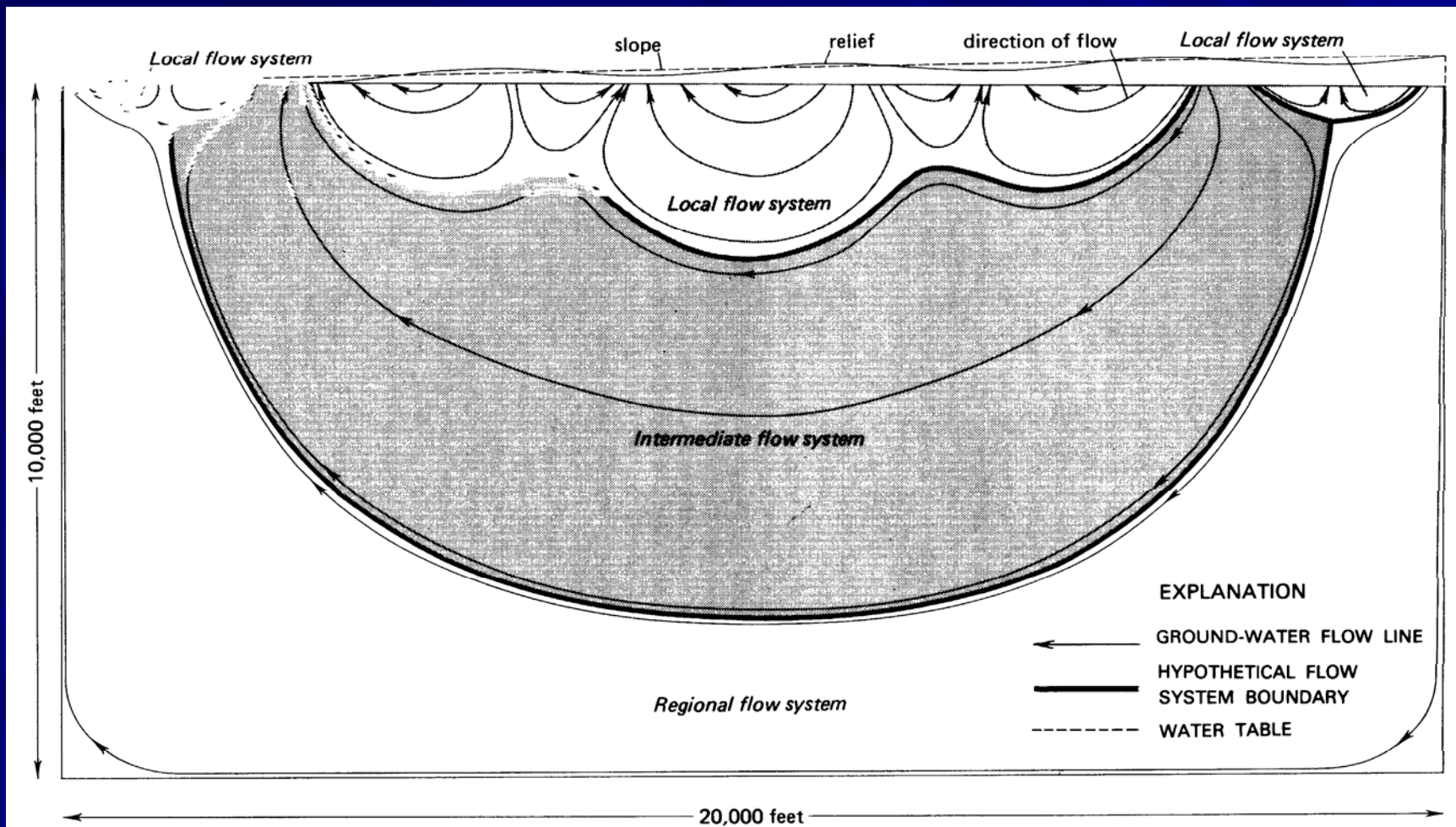


Figure 5. Generalized cross section showing local, intermediate, and regional ground-water flow systems. (Modified from Toth, 1963.)