

## Lesson 27: River Networks

### Strahler Classification and Horton's Laws

#### Strahler's Stream-Ordering System [Bras 1990]

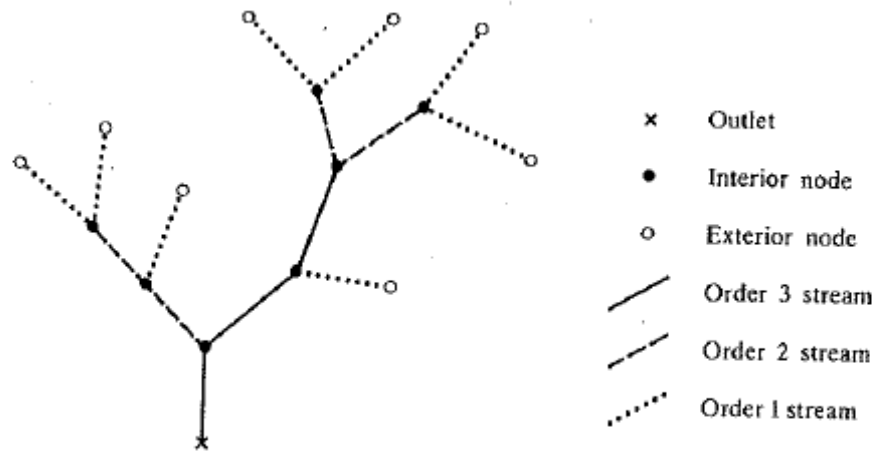


FIGURE 12.1 Hypothetical river network illustrating Strahler's stream-ordering system.

#### Horton's Laws [Bras 1990]

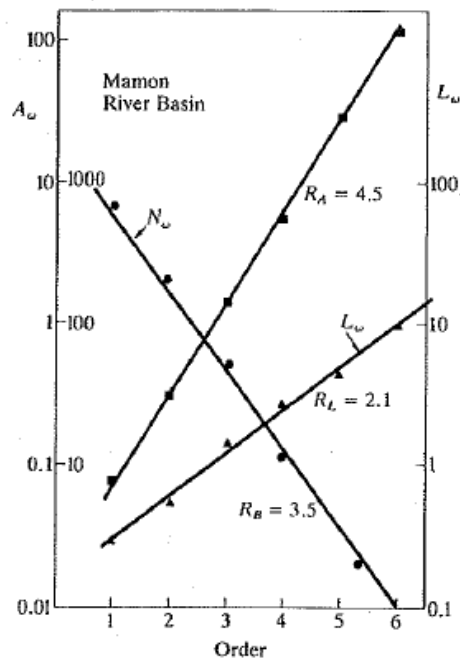


FIGURE 12.2 Stream numbers, lengths, and areas versus stream order illustrating Horton's laws for the Mamon Basin in Venezuela. Source: J. B. Valdes, Y. Fiallo, and I. Rodriguez-Iturbe, "A Rainfall Runoff Analysis of the Geomorphologic IUH," *Water Resources Res.* 15(6):1421-1434, 1979. Copyright by the American Geophysical Union.