

Table 2

Summary of morphometric data for at the Fernow, North Fork, and Little River areas

Morphometric Parameter^a	Fernow	North Fork	Little River
Drainage Order (Strahler)	5	5	6
Basin Area (km ²)	17.62	49.27	41.48
Drainage Density (km ⁻¹) (C _t /A)	4.24	3.26	4.66
Maximum Basin Elevation (m)	1099.7	1386	1340.2
Minimum Basin Elevation (m)	513.6	853	512
Basin Relief (km)	0.586	0.533	0.828
Ruggedness (D _d H _b)	2.486	1.737	3.856
Total No. of First-Order Tributaries (Shreve Magnitude)	139	287	380
Total No. of Stream Segment Intersections	158	284	377
Stream Segment Intersection Frequency (km ²) (N _s /A)	8.97	5.76	9.09
Stream Frequency (km ⁻²)	12.14	7.79	12.08
Maximum Valley Width (m)	120	180	290
Total Valley Bottom Area (km ²)	0.76	1.86	3.09
Average Hillslope Gradient (dec. deg.)	17.2	18.4	22.1

^a A = Basin area; N_o = Number of stream segments in a given Strahler order; H_b = Basin relief; D_d = Drainage Density; C_t = Total stream channel lengths; N_t = Total number of stream channels; F = Stream frequency; N_s = Total number of stream segment intersections.