

AVERAGE ANNUAL SOIL ERODIBILITY (K) FACTOR TABLES RUSLE VERSION 1.04

USE OF THE TABLES

Tables 2 through 4 below present soil erodibility (K) factor values from the New York State soils information found in Table 1 and the average annual K value to be used in RUSLE. Tables 2 through 4 present the values for climatic zones 112 (southern and eastern, and lake) and 114B (southern and eastern).

The average annual K factors from these tables are to be used only for hand calculations prior to the use of the release of RUSLE 2.0. The procedure is as follows:

1. Obtain the K value for each soil from the K factor column in Table 1 above.
2. From the appropriate climatic table (2, 3, or 4), read the average annual K that corresponds to the K factor obtained in Step 1. This is the K value to use in RUSLE.

Table 1 - Climatic Zone 112 - Southern and Eastern

TABLE K FACTOR	AVERAGE ANNUAL K FACTOR
.02	.02
.05	.05
.10	.10
.15	.15
.17	.17
.20	.20
.24	.24
.28	.28
.32	.32
.37	.37
.43	.43
.49	.49
.55	.55
.64	.64

Table 2 - Climatic Zone 112 - Lake

TABLE K FACTOR	AVERAGE ANNUAL K FACTOR
.02	.02
.05	.05
.10	.10
.15	.15
.17	.17
.20	.22
.24	.26
.28	.30
.32	.35
.37	.40
.43	.46
.49	.52
.55	.60
.64	.70

Table 3 - Climatic Zone 114B - Southern and Eastern

TABLE K FACTOR	AVERAGE ANNUAL K FACTOR
.02	.02
.05	.05
.10	.08
.15	.12
.17	.15
.20	.17
.24	.20
.28	.24
.32	.28
.37	.32
.43	.37
.49	.43
.55	.46
.64	.55