

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

|                    |        | Runoff (Q) in inches |      |      |      |      |      |      |      |      |      |
|--------------------|--------|----------------------|------|------|------|------|------|------|------|------|------|
| Rainfall<br>inches | tenths | 0                    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |
|                    |        |                      |      |      |      |      |      |      |      |      |      |
| 1                  |        | 0.00                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 |
| 2                  |        | 0.06                 | 0.08 | 0.10 | 0.12 | 0.15 | 0.17 | 0.20 | 0.23 | 0.26 | 0.30 |
| 3                  |        | 0.33                 | 0.37 | 0.41 | 0.45 | 0.49 | 0.53 | 0.58 | 0.62 | 0.67 | 0.71 |
| 4                  |        | 0.76                 | 0.81 | 0.86 | 0.91 | 0.97 | 1.02 | 1.07 | 1.13 | 1.19 | 1.24 |
| 5                  |        | 1.30                 | 1.36 | 1.42 | 1.48 | 1.54 | 1.60 | 1.67 | 1.73 | 1.79 | 1.86 |
| 6                  |        | 1.92                 | 1.99 | 2.05 | 2.12 | 2.19 | 2.26 | 2.32 | 2.39 | 2.46 | 2.53 |
| 7                  |        | 2.60                 | 2.67 | 2.75 | 2.82 | 2.89 | 2.96 | 3.04 | 3.11 | 3.18 | 3.26 |
| 8                  |        | 3.33                 | 3.41 | 3.48 | 3.56 | 3.64 | 3.71 | 3.79 | 3.87 | 3.94 | 4.02 |
| 9                  |        | 4.10                 | 4.18 | 4.26 | 4.34 | 4.42 | 4.50 | 4.58 | 4.66 | 4.74 | 4.82 |
| 10                 |        | 4.90                 | 4.98 | 5.06 | 5.14 | 5.22 | 5.31 | 5.39 | 5.47 | 5.55 | 5.64 |
| 11                 |        | 5.72                 | 5.80 | 5.89 | 5.97 | 6.06 | 6.14 | 6.22 | 6.31 | 6.39 | 6.48 |
| 12                 |        | 6.56                 | 6.65 | 6.73 | 6.82 | 6.91 | 6.99 | 7.08 | 7.16 | 7.25 | 7.34 |
| 1                  |        | 0.00                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 |
| 2                  |        | 0.07                 | 0.09 | 0.12 | 0.14 | 0.17 | 0.20 | 0.23 | 0.26 | 0.29 | 0.33 |
| 3                  |        | 0.37                 | 0.40 | 0.44 | 0.49 | 0.53 | 0.57 | 0.62 | 0.67 | 0.71 | 0.76 |
| 4                  |        | 0.81                 | 0.86 | 0.92 | 0.97 | 1.02 | 1.08 | 1.14 | 1.19 | 1.25 | 1.31 |
| 5                  |        | 1.37                 | 1.43 | 1.49 | 1.55 | 1.62 | 1.68 | 1.74 | 1.81 | 1.87 | 1.94 |
| 6                  |        | 2.01                 | 2.07 | 2.14 | 2.21 | 2.28 | 2.35 | 2.42 | 2.49 | 2.56 | 2.63 |
| 7                  |        | 2.70                 | 2.77 | 2.85 | 2.92 | 2.99 | 3.07 | 3.14 | 3.22 | 3.29 | 3.37 |
| 8                  |        | 3.44                 | 3.52 | 3.60 | 3.67 | 3.75 | 3.83 | 3.91 | 3.99 | 4.07 | 4.14 |
| 9                  |        | 4.22                 | 4.30 | 4.38 | 4.46 | 4.54 | 4.62 | 4.71 | 4.79 | 4.87 | 4.95 |
| 10                 |        | 5.03                 | 5.11 | 5.20 | 5.28 | 5.36 | 5.45 | 5.53 | 5.61 | 5.70 | 5.78 |
| 11                 |        | 5.86                 | 5.95 | 6.03 | 6.12 | 6.20 | 6.29 | 6.37 | 6.46 | 6.54 | 6.63 |
| 12                 |        | 6.72                 | 6.80 | 6.89 | 6.98 | 7.06 | 7.15 | 7.24 | 7.32 | 7.41 | 7.50 |
| 1                  |        | 0.00                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 |
| 2                  |        | 0.09                 | 0.11 | 0.13 | 0.16 | 0.19 | 0.22 | 0.25 | 0.29 | 0.32 | 0.36 |
| 3                  |        | 0.40                 | 0.44 | 0.48 | 0.52 | 0.57 | 0.62 | 0.66 | 0.71 | 0.76 | 0.81 |
| 4                  |        | 0.86                 | 0.92 | 0.97 | 1.03 | 1.08 | 1.14 | 1.20 | 1.26 | 1.32 | 1.38 |
| 5                  |        | 1.44                 | 1.50 | 1.56 | 1.63 | 1.69 | 1.76 | 1.82 | 1.89 | 1.95 | 2.02 |
| 6                  |        | 2.09                 | 2.16 | 2.23 | 2.30 | 2.37 | 2.44 | 2.51 | 2.58 | 2.65 | 2.73 |
| 7                  |        | 2.80                 | 2.87 | 2.95 | 3.02 | 3.10 | 3.17 | 3.25 | 3.33 | 3.40 | 3.48 |
| 8                  |        | 3.56                 | 3.63 | 3.71 | 3.79 | 3.87 | 3.95 | 4.03 | 4.11 | 4.19 | 4.27 |
| 9                  |        | 4.35                 | 4.43 | 4.51 | 4.59 | 4.67 | 4.75 | 4.84 | 4.92 | 5.00 | 5.08 |
| 10                 |        | 5.17                 | 5.25 | 5.33 | 5.42 | 5.50 | 5.58 | 5.67 | 5.75 | 5.84 | 5.92 |
| 11                 |        | 6.01                 | 6.09 | 6.18 | 6.26 | 6.35 | 6.44 | 6.52 | 6.61 | 6.69 | 6.78 |
| 12                 |        | 6.87                 | 6.95 | 7.04 | 7.13 | 7.22 | 7.30 | 7.39 | 7.48 | 7.57 | 7.66 |

Curve  
Number  
60

Curve  
Number  
61

Curve  
Number  
62

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |      |      |      |      |      |      |      |      |      |      |                       |
|----------------------|------|------|------|------|------|------|------|------|------|------|-----------------------|
| Rainfall<br>tenths   | 0    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |                       |
| inches               |      |      |      |      |      |      |      |      |      |      |                       |
| 1                    | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | Curve<br>Number<br>63 |
| 2                    | 0.10 | 0.13 | 0.15 | 0.18 | 0.21 | 0.24 | 0.28 | 0.31 | 0.35 | 0.39 |                       |
| 3                    | 0.43 | 0.48 | 0.52 | 0.56 | 0.61 | 0.66 | 0.71 | 0.76 | 0.81 | 0.86 |                       |
| 4                    | 0.92 | 0.97 | 1.03 | 1.09 | 1.14 | 1.20 | 1.26 | 1.32 | 1.38 | 1.45 |                       |
| 5                    | 1.51 | 1.57 | 1.64 | 1.70 | 1.77 | 1.83 | 1.90 | 1.97 | 2.04 | 2.11 |                       |
| 6                    | 2.18 | 2.25 | 2.32 | 2.39 | 2.46 | 2.53 | 2.61 | 2.68 | 2.75 | 2.83 |                       |
| 7                    | 2.90 | 2.98 | 3.05 | 3.13 | 3.20 | 3.28 | 3.36 | 3.43 | 3.51 | 3.59 |                       |
| 8                    | 3.67 | 3.75 | 3.83 | 3.91 | 3.99 | 4.07 | 4.15 | 4.23 | 4.31 | 4.39 |                       |
| 9                    | 4.47 | 4.55 | 4.63 | 4.72 | 4.80 | 4.88 | 4.96 | 5.05 | 5.13 | 5.22 |                       |
| 10                   | 5.30 | 5.38 | 5.47 | 5.55 | 5.64 | 5.72 | 5.81 | 5.89 | 5.98 | 6.06 |                       |
| 11                   | 6.15 | 6.24 | 6.32 | 6.41 | 6.49 | 6.58 | 6.67 | 6.76 | 6.84 | 6.93 |                       |
| 12                   | 7.02 | 7.11 | 7.19 | 7.28 | 7.37 | 7.46 | 7.55 | 7.63 | 7.72 | 7.81 |                       |
| 1                    | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.04 | 0.05 | 0.07 | 0.09 | Curve<br>Number<br>64 |
| 2                    | 0.12 | 0.14 | 0.17 | 0.20 | 0.24 | 0.27 | 0.31 | 0.34 | 0.38 | 0.43 |                       |
| 3                    | 0.47 | 0.51 | 0.56 | 0.61 | 0.66 | 0.71 | 0.76 | 0.81 | 0.86 | 0.92 |                       |
| 4                    | 0.97 | 1.03 | 1.09 | 1.15 | 1.21 | 1.27 | 1.33 | 1.39 | 1.45 | 1.52 |                       |
| 5                    | 1.58 | 1.65 | 1.71 | 1.78 | 1.85 | 1.91 | 1.98 | 2.05 | 2.12 | 2.19 |                       |
| 6                    | 2.26 | 2.33 | 2.41 | 2.48 | 2.55 | 2.63 | 2.70 | 2.78 | 2.85 | 2.93 |                       |
| 7                    | 3.00 | 3.08 | 3.15 | 3.23 | 3.31 | 3.39 | 3.46 | 3.54 | 3.62 | 3.70 |                       |
| 8                    | 3.78 | 3.86 | 3.94 | 4.02 | 4.10 | 4.18 | 4.27 | 4.35 | 4.43 | 4.51 |                       |
| 9                    | 4.59 | 4.68 | 4.76 | 4.84 | 4.93 | 5.01 | 5.09 | 5.18 | 5.26 | 5.35 |                       |
| 10                   | 5.43 | 5.52 | 5.60 | 5.69 | 5.77 | 5.86 | 5.95 | 6.03 | 6.12 | 6.20 |                       |
| 11                   | 6.29 | 6.38 | 6.47 | 6.55 | 6.64 | 6.73 | 6.82 | 6.90 | 6.99 | 7.08 |                       |
| 12                   | 7.17 | 7.26 | 7.34 | 7.43 | 7.52 | 7.61 | 7.70 | 7.79 | 7.88 | 7.97 |                       |
| 1                    | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.09 | 0.11 | Curve<br>Number<br>65 |
| 2                    | 0.14 | 0.16 | 0.19 | 0.23 | 0.26 | 0.30 | 0.34 | 0.38 | 0.42 | 0.46 |                       |
| 3                    | 0.51 | 0.55 | 0.60 | 0.65 | 0.70 | 0.75 | 0.81 | 0.86 | 0.91 | 0.97 |                       |
| 4                    | 1.03 | 1.09 | 1.15 | 1.21 | 1.27 | 1.33 | 1.39 | 1.46 | 1.52 | 1.59 |                       |
| 5                    | 1.65 | 1.72 | 1.79 | 1.86 | 1.93 | 1.99 | 2.06 | 2.14 | 2.21 | 2.28 |                       |
| 6                    | 2.35 | 2.42 | 2.50 | 2.57 | 2.65 | 2.72 | 2.80 | 2.87 | 2.95 | 3.03 |                       |
| 7                    | 3.10 | 3.18 | 3.26 | 3.34 | 3.41 | 3.49 | 3.57 | 3.65 | 3.73 | 3.81 |                       |
| 8                    | 3.89 | 3.98 | 4.06 | 4.14 | 4.22 | 4.30 | 4.38 | 4.47 | 4.55 | 4.63 |                       |
| 9                    | 4.72 | 4.80 | 4.88 | 4.97 | 5.05 | 5.14 | 5.22 | 5.31 | 5.39 | 5.48 |                       |
| 10                   | 5.56 | 5.65 | 5.74 | 5.82 | 5.91 | 6.00 | 6.08 | 6.17 | 6.26 | 6.35 |                       |
| 11                   | 6.43 | 6.52 | 6.61 | 6.70 | 6.78 | 6.87 | 6.96 | 7.05 | 7.14 | 7.23 |                       |
| 12                   | 7.32 | 7.41 | 7.49 | 7.58 | 7.67 | 7.76 | 7.85 | 7.94 | 8.03 | 8.12 |                       |

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |        |      |      |      |      |      |      |      |      |      |      |
|----------------------|--------|------|------|------|------|------|------|------|------|------|------|
| Rainfall             | tenths | 0    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |
| inches               |        |      |      |      |      |      |      |      |      |      |      |
| 1                    |        | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | 0.13 |
| 2                    |        | 0.15 | 0.18 | 0.22 | 0.25 | 0.29 | 0.33 | 0.37 | 0.41 | 0.45 | 0.50 |
| 3                    |        | 0.54 | 0.59 | 0.64 | 0.69 | 0.75 | 0.80 | 0.86 | 0.91 | 0.97 | 1.03 |
| 4                    |        | 1.09 | 1.15 | 1.21 | 1.27 | 1.33 | 1.40 | 1.46 | 1.53 | 1.59 | 1.66 |
| 5                    |        | 1.73 | 1.80 | 1.87 | 1.94 | 2.01 | 2.08 | 2.15 | 2.22 | 2.29 | 2.37 |
| 6                    |        | 2.44 | 2.51 | 2.59 | 2.66 | 2.74 | 2.82 | 2.89 | 2.97 | 3.05 | 3.13 |
| 7                    |        | 3.20 | 3.28 | 3.36 | 3.44 | 3.52 | 3.60 | 3.68 | 3.76 | 3.84 | 3.93 |
| 8                    |        | 4.01 | 4.09 | 4.17 | 4.25 | 4.34 | 4.42 | 4.50 | 4.59 | 4.67 | 4.76 |
| 9                    |        | 4.84 | 4.93 | 5.01 | 5.10 | 5.18 | 5.27 | 5.35 | 5.44 | 5.52 | 5.61 |
| 10                   |        | 5.70 | 5.78 | 5.87 | 5.96 | 6.05 | 6.13 | 6.22 | 6.31 | 6.40 | 6.48 |
| 11                   |        | 6.57 | 6.66 | 6.75 | 6.84 | 6.93 | 7.02 | 7.11 | 7.20 | 7.29 | 7.37 |
| 12                   |        | 7.46 | 7.55 | 7.64 | 7.73 | 7.82 | 7.91 | 8.01 | 8.10 | 8.19 | 8.28 |
| 1                    |        | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.09 | 0.12 | 0.14 |
| 2                    |        | 0.17 | 0.21 | 0.24 | 0.28 | 0.32 | 0.36 | 0.40 | 0.44 | 0.49 | 0.54 |
| 3                    |        | 0.58 | 0.64 | 0.69 | 0.74 | 0.79 | 0.85 | 0.91 | 0.96 | 1.02 | 1.08 |
| 4                    |        | 1.14 | 1.21 | 1.27 | 1.33 | 1.40 | 1.46 | 1.53 | 1.60 | 1.67 | 1.73 |
| 5                    |        | 1.80 | 1.87 | 1.94 | 2.01 | 2.09 | 2.16 | 2.23 | 2.31 | 2.38 | 2.45 |
| 6                    |        | 2.53 | 2.61 | 2.68 | 2.76 | 2.84 | 2.91 | 2.99 | 3.07 | 3.15 | 3.23 |
| 7                    |        | 3.31 | 3.39 | 3.47 | 3.55 | 3.63 | 3.71 | 3.79 | 3.87 | 3.96 | 4.04 |
| 8                    |        | 4.12 | 4.20 | 4.29 | 4.37 | 4.46 | 4.54 | 4.62 | 4.71 | 4.79 | 4.88 |
| 9                    |        | 4.96 | 5.05 | 5.14 | 5.22 | 5.31 | 5.39 | 5.48 | 5.57 | 5.66 | 5.74 |
| 10                   |        | 5.83 | 5.92 | 6.01 | 6.09 | 6.18 | 6.27 | 6.36 | 6.45 | 6.54 | 6.62 |
| 11                   |        | 6.71 | 6.80 | 6.89 | 6.98 | 7.07 | 7.16 | 7.25 | 7.34 | 7.43 | 7.52 |
| 12                   |        | 7.61 | 7.70 | 7.79 | 7.88 | 7.97 | 8.07 | 8.16 | 8.25 | 8.34 | 8.43 |
| 1                    |        | 0.00 | 0.01 | 0.01 | 0.03 | 0.04 | 0.06 | 0.08 | 0.11 | 0.13 | 0.16 |
| 2                    |        | 0.19 | 0.23 | 0.27 | 0.30 | 0.35 | 0.39 | 0.43 | 0.48 | 0.53 | 0.58 |
| 3                    |        | 0.63 | 0.68 | 0.73 | 0.79 | 0.84 | 0.90 | 0.96 | 1.02 | 1.08 | 1.14 |
| 4                    |        | 1.20 | 1.27 | 1.33 | 1.40 | 1.47 | 1.53 | 1.60 | 1.67 | 1.74 | 1.81 |
| 5                    |        | 1.88 | 1.95 | 2.02 | 2.10 | 2.17 | 2.24 | 2.32 | 2.39 | 2.47 | 2.54 |
| 6                    |        | 2.62 | 2.70 | 2.78 | 2.85 | 2.93 | 3.01 | 3.09 | 3.17 | 3.25 | 3.33 |
| 7                    |        | 3.41 | 3.49 | 3.57 | 3.65 | 3.74 | 3.82 | 3.90 | 3.98 | 4.07 | 4.15 |
| 8                    |        | 4.24 | 4.32 | 4.40 | 4.49 | 4.57 | 4.66 | 4.74 | 4.83 | 4.92 | 5.00 |
| 9                    |        | 5.09 | 5.17 | 5.26 | 5.35 | 5.44 | 5.52 | 5.61 | 5.70 | 5.79 | 5.87 |
| 10                   |        | 5.96 | 6.05 | 6.14 | 6.23 | 6.32 | 6.41 | 6.49 | 6.58 | 6.67 | 6.76 |
| 11                   |        | 6.85 | 6.94 | 7.03 | 7.12 | 7.21 | 7.30 | 7.39 | 7.48 | 7.58 | 7.67 |
| 12                   |        | 7.76 | 7.85 | 7.94 | 8.03 | 8.12 | 8.21 | 8.31 | 8.40 | 8.49 | 8.58 |

Curve  
Number  
66

Curve  
Number  
67

Curve  
Number  
68

Note: For rainfall amount in inches on vertical scale and in tenths of an inch on horizontal scale read runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches         |      |      |      |      |      |      |      |      |      |      |                       |
|------------------------------|------|------|------|------|------|------|------|------|------|------|-----------------------|
| Rainfall<br>tenths<br>inches | 0    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |                       |
| 1                            | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.09 | 0.12 | 0.15 | 0.18 | Curve<br>Number<br>69 |
| 2                            | 0.22 | 0.25 | 0.29 | 0.33 | 0.38 | 0.42 | 0.47 | 0.52 | 0.57 | 0.62 |                       |
| 3                            | 0.67 | 0.72 | 0.78 | 0.84 | 0.89 | 0.95 | 1.01 | 1.08 | 1.14 | 1.20 |                       |
| 4                            | 1.27 | 1.33 | 1.40 | 1.47 | 1.53 | 1.60 | 1.67 | 1.74 | 1.81 | 1.89 |                       |
| 5                            | 1.96 | 2.03 | 2.10 | 2.18 | 2.25 | 2.33 | 2.40 | 2.48 | 2.56 | 2.63 |                       |
| 6                            | 2.71 | 2.79 | 2.87 | 2.95 | 3.03 | 3.11 | 3.19 | 3.27 | 3.35 | 3.43 |                       |
| 7                            | 3.51 | 3.60 | 3.68 | 3.76 | 3.84 | 3.93 | 4.01 | 4.10 | 4.18 | 4.26 |                       |
| 8                            | 4.35 | 4.43 | 4.52 | 4.61 | 4.69 | 4.78 | 4.86 | 4.95 | 5.04 | 5.12 |                       |
| 9                            | 5.21 | 5.30 | 5.39 | 5.47 | 5.56 | 5.65 | 5.74 | 5.83 | 5.92 | 6.00 |                       |
| 10                           | 6.09 | 6.18 | 6.27 | 6.36 | 6.45 | 6.54 | 6.63 | 6.72 | 6.81 | 6.90 |                       |
| 11                           | 6.99 | 7.08 | 7.17 | 7.26 | 7.35 | 7.45 | 7.54 | 7.63 | 7.72 | 7.81 |                       |
| 12                           | 7.90 | 7.99 | 8.09 | 8.18 | 8.27 | 8.36 | 8.46 | 8.55 | 8.64 | 8.73 |                       |
| 1                            | 0.00 | 0.01 | 0.03 | 0.04 | 0.06 | 0.08 | 0.11 | 0.14 | 0.17 | 0.20 | Curve<br>Number<br>70 |
| 2                            | 0.24 | 0.28 | 0.32 | 0.36 | 0.41 | 0.46 | 0.50 | 0.55 | 0.61 | 0.66 |                       |
| 3                            | 0.71 | 0.77 | 0.83 | 0.89 | 0.95 | 1.01 | 1.07 | 1.13 | 1.20 | 1.26 |                       |
| 4                            | 1.33 | 1.40 | 1.46 | 1.53 | 1.60 | 1.67 | 1.74 | 1.82 | 1.89 | 1.96 |                       |
| 5                            | 2.04 | 2.11 | 2.19 | 2.26 | 2.34 | 2.41 | 2.49 | 2.57 | 2.65 | 2.73 |                       |
| 6                            | 2.81 | 2.88 | 2.96 | 3.05 | 3.13 | 3.21 | 3.29 | 3.37 | 3.45 | 3.54 |                       |
| 7                            | 3.62 | 3.70 | 3.79 | 3.87 | 3.95 | 4.04 | 4.12 | 4.21 | 4.29 | 4.38 |                       |
| 8                            | 4.46 | 4.55 | 4.64 | 4.72 | 4.81 | 4.90 | 4.98 | 5.07 | 5.16 | 5.25 |                       |
| 9                            | 5.33 | 5.42 | 5.51 | 5.60 | 5.69 | 5.78 | 5.87 | 5.96 | 6.05 | 6.14 |                       |
| 10                           | 6.22 | 6.31 | 6.40 | 6.50 | 6.59 | 6.68 | 6.77 | 6.86 | 6.95 | 7.04 |                       |
| 11                           | 7.13 | 7.22 | 7.31 | 7.40 | 7.50 | 7.59 | 7.68 | 7.77 | 7.86 | 7.96 |                       |
| 12                           | 8.05 | 8.14 | 8.23 | 8.32 | 8.42 | 8.51 | 8.60 | 8.70 | 8.79 | 8.88 |                       |
| 1                            | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.10 | 0.13 | 0.16 | 0.19 | 0.23 | Curve<br>Number<br>71 |
| 2                            | 0.27 | 0.31 | 0.35 | 0.40 | 0.44 | 0.49 | 0.54 | 0.59 | 0.65 | 0.70 |                       |
| 3                            | 0.76 | 0.82 | 0.88 | 0.94 | 1.00 | 1.06 | 1.13 | 1.19 | 1.26 | 1.33 |                       |
| 4                            | 1.39 | 1.46 | 1.53 | 1.60 | 1.67 | 1.75 | 1.82 | 1.89 | 1.97 | 2.04 |                       |
| 5                            | 2.12 | 2.19 | 2.27 | 2.35 | 2.42 | 2.50 | 2.58 | 2.66 | 2.74 | 2.82 |                       |
| 6                            | 2.90 | 2.98 | 3.06 | 3.14 | 3.22 | 3.31 | 3.39 | 3.47 | 3.56 | 3.64 |                       |
| 7                            | 3.72 | 3.81 | 3.89 | 3.98 | 4.06 | 4.15 | 4.23 | 4.32 | 4.41 | 4.49 |                       |
| 8                            | 4.58 | 4.67 | 4.75 | 4.84 | 4.93 | 5.02 | 5.10 | 5.19 | 5.28 | 5.37 |                       |
| 9                            | 5.46 | 5.55 | 5.64 | 5.73 | 5.82 | 5.91 | 6.00 | 6.09 | 6.18 | 6.27 |                       |
| 10                           | 6.36 | 6.45 | 6.54 | 6.63 | 6.72 | 6.81 | 6.90 | 6.99 | 7.08 | 7.18 |                       |
| 11                           | 7.27 | 7.36 | 7.45 | 7.54 | 7.64 | 7.73 | 7.82 | 7.91 | 8.01 | 8.10 |                       |
| 12                           | 8.19 | 8.28 | 8.38 | 8.47 | 8.56 | 8.66 | 8.75 | 8.84 | 8.94 | 9.03 |                       |

Note: For rainfall amount in inches on vertical scale and in tenths of an inch on horizontal scale read runoff (Q) from table.

Table 2-2a. -Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |        |      |      |      |      |      |      |      |      |      |      |
|----------------------|--------|------|------|------|------|------|------|------|------|------|------|
| Rainfall             | tenths | 0    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |
| inches               |        |      |      |      |      |      |      |      |      |      |      |
| 0                    |        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1                    |        | 0.01 | 0.02 | 0.04 | 0.06 | 0.09 | 0.11 | 0.14 | 0.18 | 0.21 | 0.25 |
| 2                    |        | 0.29 | 0.34 | 0.38 | 0.43 | 0.48 | 0.53 | 0.58 | 0.64 | 0.69 | 0.75 |
| 3                    |        | 0.81 | 0.87 | 0.93 | 0.99 | 1.06 | 1.12 | 1.19 | 1.25 | 1.32 | 1.39 |
| 4                    |        | 1.46 | 1.53 | 1.60 | 1.67 | 1.75 | 1.82 | 1.89 | 1.97 | 2.05 | 2.12 |
| 5                    |        | 2.20 | 2.28 | 2.35 | 2.43 | 2.51 | 2.59 | 2.67 | 2.75 | 2.83 | 2.91 |
| 6                    |        | 2.99 | 3.08 | 3.16 | 3.24 | 3.32 | 3.41 | 3.49 | 3.57 | 3.66 | 3.74 |
| 7                    |        | 3.83 | 3.91 | 4.00 | 4.09 | 4.17 | 4.26 | 4.35 | 4.43 | 4.52 | 4.61 |
| 8                    |        | 4.69 | 4.78 | 4.87 | 4.96 | 5.05 | 5.14 | 5.22 | 5.31 | 5.40 | 5.49 |
| 9                    |        | 5.58 | 5.67 | 5.76 | 5.85 | 5.94 | 6.03 | 6.12 | 6.21 | 6.30 | 6.40 |
| 10                   |        | 6.49 | 6.58 | 6.67 | 6.76 | 6.85 | 6.94 | 7.04 | 7.13 | 7.22 | 7.31 |
| 11                   |        | 7.41 | 7.50 | 7.59 | 7.68 | 7.78 | 7.87 | 7.96 | 8.05 | 8.15 | 8.24 |
| 12                   |        | 8.33 | 8.43 | 8.52 | 8.61 | 8.71 | 8.80 | 8.90 | 8.99 | 9.08 | 9.18 |
| 0                    |        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 1                    |        | 0.02 | 0.03 | 0.05 | 0.07 | 0.10 | 0.13 | 0.16 | 0.20 | 0.24 | 0.28 |
| 2                    |        | 0.32 | 0.37 | 0.41 | 0.46 | 0.51 | 0.57 | 0.62 | 0.68 | 0.74 | 0.80 |
| 3                    |        | 0.86 | 0.92 | 0.98 | 1.05 | 1.11 | 1.18 | 1.25 | 1.32 | 1.39 | 1.46 |
| 4                    |        | 1.53 | 1.60 | 1.67 | 1.75 | 1.82 | 1.90 | 1.97 | 2.05 | 2.12 | 2.20 |
| 5                    |        | 2.28 | 2.36 | 2.44 | 2.52 | 2.60 | 2.68 | 2.76 | 2.84 | 2.92 | 3.01 |
| 6                    |        | 3.09 | 3.17 | 3.26 | 3.34 | 3.42 | 3.51 | 3.59 | 3.68 | 3.76 | 3.85 |
| 7                    |        | 3.94 | 4.02 | 4.11 | 4.20 | 4.28 | 4.37 | 4.46 | 4.55 | 4.63 | 4.72 |
| 8                    |        | 4.81 | 4.90 | 4.99 | 5.08 | 5.17 | 5.26 | 5.35 | 5.43 | 5.53 | 5.62 |
| 9                    |        | 5.71 | 5.80 | 5.89 | 5.98 | 6.07 | 6.16 | 6.25 | 6.34 | 6.43 | 6.53 |
| 10                   |        | 6.62 | 6.71 | 6.80 | 6.89 | 6.99 | 7.08 | 7.17 | 7.26 | 7.36 | 7.45 |
| 11                   |        | 7.54 | 7.63 | 7.73 | 7.82 | 7.91 | 8.01 | 8.10 | 8.19 | 8.29 | 8.38 |
| 12                   |        | 8.48 | 8.57 | 8.66 | 8.76 | 8.85 | 8.95 | 9.04 | 9.14 | 9.23 | 9.32 |
| 0                    |        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 1                    |        | 0.02 | 0.04 | 0.06 | 0.09 | 0.12 | 0.15 | 0.18 | 0.22 | 0.26 | 0.30 |
| 2                    |        | 0.35 | 0.40 | 0.45 | 0.50 | 0.55 | 0.61 | 0.67 | 0.72 | 0.78 | 0.85 |
| 3                    |        | 0.91 | 0.97 | 1.04 | 1.10 | 1.17 | 1.24 | 1.31 | 1.38 | 1.45 | 1.52 |
| 4                    |        | 1.60 | 1.67 | 1.74 | 1.82 | 1.90 | 1.97 | 2.05 | 2.13 | 2.21 | 2.28 |
| 5                    |        | 2.36 | 2.44 | 2.52 | 2.61 | 2.69 | 2.77 | 2.85 | 2.93 | 3.02 | 3.10 |
| 6                    |        | 3.18 | 3.27 | 3.35 | 3.44 | 3.52 | 3.61 | 3.70 | 3.78 | 3.87 | 3.96 |
| 7                    |        | 4.04 | 4.13 | 4.22 | 4.30 | 4.39 | 4.48 | 4.57 | 4.66 | 4.75 | 4.84 |
| 8                    |        | 4.93 | 5.02 | 5.10 | 5.19 | 5.28 | 5.38 | 5.47 | 5.56 | 5.65 | 5.74 |
| 9                    |        | 5.83 | 5.92 | 6.01 | 6.10 | 6.19 | 6.29 | 6.38 | 6.47 | 6.56 | 6.65 |
| 10                   |        | 6.75 | 6.84 | 6.93 | 7.03 | 7.12 | 7.21 | 7.30 | 7.40 | 7.49 | 7.58 |
| 11                   |        | 7.68 | 7.77 | 7.86 | 7.96 | 8.05 | 8.15 | 8.24 | 8.33 | 8.43 | 8.52 |
| 12                   |        | 8.62 | 8.71 | 8.81 | 8.90 | 9.00 | 9.09 | 9.18 | 9.28 | 9.37 | 9.47 |

Curve  
Number  
72

Curve  
Number  
73

Curve  
Number  
74

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.



Table 2-2a. -Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |        |      |      |      |      |      |      |      |      |      |      |
|----------------------|--------|------|------|------|------|------|------|------|------|------|------|
| Rainfall<br>inches   | tenths | 0    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |
| 0                    |        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| 1                    |        | 0.03 | 0.05 | 0.07 | 0.10 | 0.13 | 0.17 | 0.20 | 0.24 | 0.29 | 0.33 |
| 2                    |        | 0.38 | 0.43 | 0.48 | 0.54 | 0.59 | 0.65 | 0.71 | 0.77 | 0.83 | 0.90 |
| 3                    |        | 0.96 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.37 | 1.45 | 1.52 | 1.59 |
| 4                    |        | 1.67 | 1.74 | 1.82 | 1.89 | 1.97 | 2.05 | 2.13 | 2.21 | 2.29 | 2.37 |
| 5                    |        | 2.45 | 2.53 | 2.61 | 2.69 | 2.78 | 2.86 | 2.94 | 3.03 | 3.11 | 3.20 |
| 6                    |        | 3.28 | 3.37 | 3.45 | 3.54 | 3.63 | 3.71 | 3.80 | 3.89 | 3.97 | 4.06 |
| 7                    |        | 4.15 | 4.24 | 4.33 | 4.41 | 4.50 | 4.59 | 4.68 | 4.77 | 4.86 | 4.95 |
| 8                    |        | 5.04 | 5.13 | 5.22 | 5.31 | 5.40 | 5.50 | 5.59 | 5.68 | 5.77 | 5.86 |
| 9                    |        | 5.95 | 6.04 | 6.14 | 6.23 | 6.32 | 6.41 | 6.51 | 6.60 | 6.69 | 6.78 |
| 10                   |        | 6.88 | 6.97 | 7.06 | 7.16 | 7.25 | 7.34 | 7.44 | 7.53 | 7.63 | 7.72 |
| 11                   |        | 7.81 | 7.91 | 8.00 | 8.10 | 8.19 | 8.28 | 8.38 | 8.47 | 8.57 | 8.66 |
| 12                   |        | 8.76 | 8.85 | 8.95 | 9.04 | 9.14 | 9.23 | 9.33 | 9.42 | 9.52 | 9.61 |
| 0                    |        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| 1                    |        | 0.04 | 0.06 | 0.09 | 0.12 | 0.15 | 0.19 | 0.23 | 0.27 | 0.32 | 0.36 |
| 2                    |        | 0.41 | 0.47 | 0.52 | 0.58 | 0.63 | 0.69 | 0.76 | 0.82 | 0.88 | 0.95 |
| 3                    |        | 1.02 | 1.08 | 1.15 | 1.22 | 1.29 | 1.37 | 1.44 | 1.51 | 1.59 | 1.66 |
| 4                    |        | 1.74 | 1.82 | 1.89 | 1.97 | 2.05 | 2.13 | 2.21 | 2.29 | 2.37 | 2.45 |
| 5                    |        | 2.54 | 2.62 | 2.70 | 2.78 | 2.87 | 2.95 | 3.04 | 3.12 | 3.21 | 3.29 |
| 6                    |        | 3.38 | 3.47 | 3.55 | 3.64 | 3.73 | 3.82 | 3.90 | 3.99 | 4.08 | 4.17 |
| 7                    |        | 4.26 | 4.35 | 4.44 | 4.53 | 4.62 | 4.71 | 4.80 | 4.89 | 4.98 | 5.07 |
| 8                    |        | 5.16 | 5.25 | 5.34 | 5.43 | 5.52 | 5.61 | 5.71 | 5.80 | 5.89 | 5.98 |
| 9                    |        | 6.08 | 6.17 | 6.26 | 6.35 | 6.45 | 6.54 | 6.63 | 6.73 | 6.82 | 6.91 |
| 10                   |        | 7.01 | 7.10 | 7.19 | 7.29 | 7.38 | 7.48 | 7.57 | 7.66 | 7.76 | 7.85 |
| 11                   |        | 7.95 | 8.04 | 8.14 | 8.23 | 8.33 | 8.42 | 8.52 | 8.61 | 8.71 | 8.80 |
| 12                   |        | 8.90 | 8.99 | 9.09 | 9.18 | 9.28 | 9.37 | 9.47 | 9.57 | 9.66 | 9.76 |
| 0                    |        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 |
| 1                    |        | 0.05 | 0.07 | 0.10 | 0.13 | 0.17 | 0.21 | 0.25 | 0.30 | 0.35 | 0.40 |
| 2                    |        | 0.45 | 0.50 | 0.56 | 0.62 | 0.68 | 0.74 | 0.80 | 0.87 | 0.93 | 1.00 |
| 3                    |        | 1.07 | 1.14 | 1.21 | 1.28 | 1.36 | 1.43 | 1.51 | 1.58 | 1.66 | 1.73 |
| 4                    |        | 1.81 | 1.89 | 1.97 | 2.05 | 2.13 | 2.21 | 2.29 | 2.37 | 2.46 | 2.54 |
| 5                    |        | 2.82 | 2.71 | 2.79 | 2.88 | 2.96 | 3.05 | 3.13 | 3.22 | 3.31 | 3.39 |
| 6                    |        | 3.48 | 3.57 | 3.65 | 3.74 | 3.83 | 3.92 | 4.01 | 4.10 | 4.19 | 4.28 |
| 7                    |        | 4.37 | 4.46 | 4.55 | 4.64 | 4.73 | 4.82 | 4.91 | 5.00 | 5.09 | 5.18 |
| 8                    |        | 5.27 | 5.37 | 5.46 | 5.55 | 5.64 | 5.73 | 5.83 | 5.92 | 6.01 | 6.11 |
| 9                    |        | 6.20 | 6.29 | 6.39 | 6.48 | 6.57 | 6.67 | 6.76 | 6.85 | 6.95 | 7.04 |
| 10                   |        | 7.14 | 7.23 | 7.32 | 7.42 | 7.51 | 7.61 | 7.70 | 7.80 | 7.89 | 7.99 |
| 11                   |        | 8.08 | 8.18 | 8.27 | 8.37 | 8.46 | 8.56 | 8.65 | 8.75 | 8.84 | 8.94 |
| 12                   |        | 9.04 | 9.13 | 9.23 | 9.32 | 9.42 | 9.51 | 9.61 | 9.71 | 9.80 | 9.90 |

Curve  
Number  
75

Curve  
Number  
76

Curve  
Number  
77

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches         |      |      |      |      |      |      |       |       |       |       |
|------------------------------|------|------|------|------|------|------|-------|-------|-------|-------|
| Rainfall<br>tenths<br>inches | 0    | 0.1  | 0.2  | 0.3  | 0.4  | 0.5  | 0.6   | 0.7   | 0.8   | 0.9   |
| 0                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.01  | 0.02  | 0.04  |
| 1                            | 0.06 | 0.09 | 0.12 | 0.15 | 0.19 | 0.23 | 0.28  | 0.33  | 0.38  | 0.43  |
| 2                            | 0.48 | 0.54 | 0.60 | 0.66 | 0.72 | 0.79 | 0.85  | 0.92  | 0.99  | 1.06  |
| 3                            | 1.13 | 1.20 | 1.27 | 1.35 | 1.42 | 1.50 | 1.57  | 1.65  | 1.73  | 1.81  |
| 4                            | 1.89 | 1.97 | 2.05 | 2.13 | 2.21 | 2.29 | 2.38  | 2.46  | 2.54  | 2.63  |
| 5                            | 2.71 | 2.80 | 2.88 | 2.97 | 3.05 | 3.14 | 3.23  | 3.32  | 3.40  | 3.49  |
| 6                            | 3.58 | 3.67 | 3.76 | 3.85 | 3.93 | 4.02 | 4.11  | 4.20  | 4.29  | 4.38  |
| 7                            | 4.47 | 4.57 | 4.66 | 4.75 | 4.84 | 4.93 | 5.02  | 5.11  | 5.21  | 5.30  |
| 8                            | 5.39 | 5.48 | 5.58 | 5.67 | 5.76 | 5.85 | 5.95  | 6.04  | 6.13  | 6.23  |
| 9                            | 6.32 | 6.42 | 6.51 | 6.60 | 6.70 | 6.79 | 6.89  | 6.98  | 7.08  | 7.17  |
| 10                           | 7.26 | 7.36 | 7.45 | 7.55 | 7.64 | 7.74 | 7.83  | 7.93  | 8.02  | 8.12  |
| 11                           | 8.22 | 8.31 | 8.41 | 8.50 | 8.60 | 8.69 | 8.79  | 8.89  | 8.98  | 9.08  |
| 12                           | 9.17 | 9.27 | 9.37 | 9.46 | 9.56 | 9.65 | 9.75  | 9.85  | 9.94  | 10.04 |
| 0                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.01  | 0.02  | 0.04  |
| 1                            | 0.07 | 0.10 | 0.13 | 0.17 | 0.21 | 0.26 | 0.31  | 0.36  | 0.41  | 0.47  |
| 2                            | 0.52 | 0.58 | 0.64 | 0.71 | 0.77 | 0.84 | 0.91  | 0.97  | 1.04  | 1.12  |
| 3                            | 1.19 | 1.26 | 1.34 | 1.41 | 1.49 | 1.57 | 1.64  | 1.72  | 1.80  | 1.88  |
| 4                            | 1.96 | 2.04 | 2.13 | 2.21 | 2.29 | 2.38 | 2.46  | 2.55  | 2.63  | 2.72  |
| 5                            | 2.80 | 2.89 | 2.97 | 3.06 | 3.15 | 3.24 | 3.32  | 3.41  | 3.50  | 3.59  |
| 6                            | 3.68 | 3.77 | 3.86 | 3.95 | 4.04 | 4.13 | 4.22  | 4.31  | 4.40  | 4.49  |
| 7                            | 4.58 | 4.68 | 4.77 | 4.86 | 4.95 | 5.04 | 5.14  | 5.23  | 5.32  | 5.41  |
| 8                            | 5.51 | 5.60 | 5.69 | 5.79 | 5.88 | 5.98 | 6.07  | 6.16  | 6.26  | 6.35  |
| 9                            | 6.45 | 6.54 | 6.63 | 6.73 | 6.82 | 6.92 | 7.01  | 7.11  | 7.20  | 7.30  |
| 10                           | 7.39 | 7.49 | 7.58 | 7.68 | 7.77 | 7.87 | 7.97  | 8.06  | 8.16  | 8.25  |
| 11                           | 8.35 | 8.44 | 8.54 | 8.64 | 8.73 | 8.83 | 8.92  | 9.02  | 9.12  | 9.21  |
| 12                           | 9.31 | 9.41 | 9.50 | 9.60 | 9.70 | 9.79 | 9.89  | 9.99  | 10.08 | 10.18 |
| 0                            | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.01  | 0.03  | 0.06  |
| 1                            | 0.08 | 0.12 | 0.15 | 0.19 | 0.24 | 0.29 | 0.34  | 0.39  | 0.44  | 0.50  |
| 2                            | 0.56 | 0.62 | 0.69 | 0.75 | 0.82 | 0.89 | 0.96  | 1.03  | 1.10  | 1.18  |
| 3                            | 1.25 | 1.33 | 1.40 | 1.48 | 1.56 | 1.64 | 1.72  | 1.80  | 1.88  | 1.96  |
| 4                            | 2.04 | 2.12 | 2.21 | 2.29 | 2.38 | 2.46 | 2.55  | 2.63  | 2.72  | 2.81  |
| 5                            | 2.89 | 2.98 | 3.07 | 3.16 | 3.24 | 3.33 | 3.42  | 3.51  | 3.60  | 3.69  |
| 6                            | 3.78 | 3.87 | 3.96 | 4.05 | 4.14 | 4.24 | 4.33  | 4.42  | 4.51  | 4.60  |
| 7                            | 4.69 | 4.79 | 4.88 | 4.97 | 5.06 | 5.16 | 5.25  | 5.34  | 5.44  | 5.53  |
| 8                            | 5.63 | 5.72 | 5.81 | 5.91 | 6.00 | 6.10 | 6.19  | 6.28  | 6.38  | 6.47  |
| 9                            | 6.57 | 6.66 | 6.76 | 6.85 | 6.95 | 7.04 | 7.14  | 7.23  | 7.33  | 7.43  |
| 10                           | 7.52 | 7.62 | 7.71 | 7.81 | 7.90 | 8.00 | 8.10  | 8.19  | 8.29  | 8.38  |
| 11                           | 8.48 | 8.58 | 8.67 | 8.77 | 8.87 | 8.96 | 9.06  | 9.16  | 9.25  | 9.35  |
| 12                           | 9.45 | 9.54 | 9.64 | 9.74 | 9.83 | 9.93 | 10.03 | 10.13 | 10.22 | 10.32 |

Curve  
Number  
78

Curve  
Number  
79

Curve  
Number  
80

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |        |      |      |       |       |       |       |       |       |       |       |
|----------------------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rainfall<br>inches   | tenths | 0    | 0.1  | 0.2   | 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.8   | 0.9   |
| 0                    |        | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.02  | 0.04  | 0.07  |
| 1                    |        | 0.10 | 0.13 | 0.17  | 0.22  | 0.26  | 0.31  | 0.37  | 0.42  | 0.48  | 0.54  |
| 2                    |        | 0.60 | 0.67 | 0.73  | 0.80  | 0.87  | 0.94  | 1.01  | 1.09  | 1.16  | 1.24  |
| 3                    |        | 1.31 | 1.39 | 1.47  | 1.55  | 1.63  | 1.71  | 1.79  | 1.87  | 1.95  | 2.04  |
| 4                    |        | 2.12 | 2.21 | 2.29  | 2.38  | 2.46  | 2.55  | 2.63  | 2.72  | 2.81  | 2.90  |
| 5                    |        | 2.99 | 3.07 | 3.16  | 3.25  | 3.34  | 3.43  | 3.52  | 3.61  | 3.70  | 3.79  |
| 6                    |        | 3.88 | 3.97 | 4.07  | 4.16  | 4.25  | 4.34  | 4.43  | 4.53  | 4.62  | 4.71  |
| 7                    |        | 4.81 | 4.90 | 4.99  | 5.08  | 5.18  | 5.27  | 5.37  | 5.46  | 5.55  | 5.65  |
| 8                    |        | 5.74 | 5.84 | 5.93  | 6.03  | 6.12  | 6.22  | 6.31  | 6.41  | 6.50  | 6.60  |
| 9                    |        | 6.69 | 6.79 | 6.88  | 6.98  | 7.07  | 7.17  | 7.26  | 7.36  | 7.46  | 7.55  |
| 10                   |        | 7.65 | 7.74 | 7.84  | 7.94  | 8.03  | 8.13  | 8.23  | 8.32  | 8.42  | 8.52  |
| 11                   |        | 8.61 | 8.71 | 8.81  | 8.90  | 9.00  | 9.10  | 9.19  | 9.29  | 9.39  | 9.48  |
| 12                   |        | 9.58 | 9.68 | 9.78  | 9.87  | 9.97  | 10.07 | 10.17 | 10.26 | 10.36 | 10.46 |
|                      |        |      |      |       |       |       |       |       |       |       |       |
| 0                    |        | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.03  | 0.05  | 0.08  |
| 1                    |        | 0.11 | 0.15 | 0.20  | 0.24  | 0.29  | 0.35  | 0.40  | 0.46  | 0.52  | 0.58  |
| 2                    |        | 0.65 | 0.72 | 0.78  | 0.85  | 0.93  | 1.00  | 1.07  | 1.15  | 1.22  | 1.30  |
| 3                    |        | 1.38 | 1.46 | 1.54  | 1.62  | 1.70  | 1.78  | 1.87  | 1.95  | 2.03  | 2.12  |
| 4                    |        | 2.20 | 2.29 | 2.37  | 2.46  | 2.55  | 2.64  | 2.72  | 2.81  | 2.90  | 2.99  |
| 5                    |        | 3.08 | 3.17 | 3.26  | 3.35  | 3.44  | 3.53  | 3.62  | 3.71  | 3.80  | 3.90  |
| 6                    |        | 3.99 | 4.08 | 4.17  | 4.26  | 4.36  | 4.45  | 4.54  | 4.64  | 4.73  | 4.82  |
| 7                    |        | 4.92 | 5.01 | 5.10  | 5.20  | 5.29  | 5.39  | 5.48  | 5.58  | 5.67  | 5.76  |
| 8                    |        | 5.86 | 5.95 | 6.05  | 6.15  | 6.24  | 6.34  | 6.43  | 6.53  | 6.62  | 6.72  |
| 9                    |        | 6.81 | 6.91 | 7.01  | 7.10  | 7.20  | 7.29  | 7.39  | 7.49  | 7.58  | 7.68  |
| 10                   |        | 7.78 | 7.87 | 7.97  | 8.07  | 8.16  | 8.26  | 8.36  | 8.45  | 8.55  | 8.65  |
| 11                   |        | 8.74 | 8.84 | 8.94  | 9.03  | 9.13  | 9.23  | 9.33  | 9.42  | 9.52  | 9.62  |
| 12                   |        | 9.72 | 9.81 | 9.91  | 10.01 | 10.11 | 10.20 | 10.30 | 10.40 | 10.50 | 10.59 |
|                      |        |      |      |       |       |       |       |       |       |       |       |
| 0                    |        | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.02  | 0.04  | 0.06  | 0.09  |
| 1                    |        | 0.13 | 0.17 | 0.22  | 0.27  | 0.32  | 0.38  | 0.44  | 0.50  | 0.56  | 0.63  |
| 2                    |        | 0.70 | 0.76 | 0.84  | 0.91  | 0.98  | 1.06  | 1.13  | 1.21  | 1.29  | 1.37  |
| 3                    |        | 1.45 | 1.53 | 1.61  | 1.69  | 1.77  | 1.86  | 1.94  | 2.03  | 2.11  | 2.20  |
| 4                    |        | 2.29 | 2.37 | 2.46  | 2.55  | 2.64  | 2.73  | 2.81  | 2.90  | 2.99  | 3.08  |
| 5                    |        | 3.17 | 3.26 | 3.36  | 3.45  | 3.54  | 3.63  | 3.72  | 3.81  | 3.91  | 4.00  |
| 6                    |        | 4.09 | 4.18 | 4.28  | 4.37  | 4.46  | 4.56  | 4.65  | 4.75  | 4.84  | 4.93  |
| 7                    |        | 5.03 | 5.12 | 5.22  | 5.31  | 5.41  | 5.50  | 5.60  | 5.69  | 5.79  | 5.88  |
| 8                    |        | 5.98 | 6.07 | 6.17  | 6.26  | 6.36  | 6.46  | 6.55  | 6.65  | 6.74  | 6.84  |
| 9                    |        | 6.94 | 7.03 | 7.13  | 7.23  | 7.32  | 7.42  | 7.52  | 7.61  | 7.71  | 7.81  |
| 10                   |        | 7.90 | 8.00 | 8.10  | 8.19  | 8.29  | 8.39  | 8.48  | 8.58  | 8.68  | 8.78  |
| 11                   |        | 8.87 | 8.97 | 9.07  | 9.17  | 9.26  | 9.36  | 9.46  | 9.56  | 9.65  | 9.75  |
| 12                   |        | 9.85 | 9.95 | 10.05 | 10.14 | 10.24 | 10.34 | 10.44 | 10.53 | 10.63 | 10.73 |

Curve  
Number  
81

Curve  
Number  
82

Curve  
Number  
83

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.



Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |       |       |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rainfall<br>tenth's  | 0     | 0.1   | 0.2   | 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.8   | 0.9   |
| inches               |       |       |       |       |       |       |       |       |       |       |
| 0                    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.02  | 0.05  | 0.08  | 0.11  |
| 1                    | 0.15  | 0.20  | 0.25  | 0.30  | 0.36  | 0.41  | 0.48  | 0.54  | 0.61  | 0.67  |
| 2                    | 0.74  | 0.82  | 0.89  | 0.96  | 1.04  | 1.12  | 1.19  | 1.27  | 1.35  | 1.43  |
| 3                    | 1.52  | 1.60  | 1.68  | 1.77  | 1.85  | 1.94  | 2.02  | 2.11  | 2.20  | 2.28  |
| 4                    | 2.37  | 2.46  | 2.55  | 2.64  | 2.73  | 2.82  | 2.91  | 3.00  | 3.09  | 3.18  |
| 5                    | 3.27  | 3.36  | 3.45  | 3.55  | 3.64  | 3.73  | 3.82  | 3.92  | 4.01  | 4.10  |
| 6                    | 4.20  | 4.29  | 4.38  | 4.48  | 4.57  | 4.67  | 4.76  | 4.86  | 4.95  | 5.04  |
| 7                    | 5.14  | 5.23  | 5.33  | 5.43  | 5.52  | 5.62  | 5.71  | 5.81  | 5.90  | 6.00  |
| 8                    | 6.10  | 6.19  | 6.29  | 6.38  | 6.48  | 6.58  | 6.67  | 6.77  | 6.87  | 6.96  |
| 9                    | 7.06  | 7.16  | 7.25  | 7.35  | 7.45  | 7.54  | 7.64  | 7.74  | 7.83  | 7.93  |
| 10                   | 8.03  | 8.13  | 8.22  | 8.32  | 8.42  | 8.52  | 8.61  | 8.71  | 8.81  | 8.91  |
| 11                   | 9.00  | 9.10  | 9.20  | 9.30  | 9.40  | 9.49  | 9.59  | 9.69  | 9.79  | 9.88  |
| 12                   | 9.98  | 10.08 | 10.18 | 10.28 | 10.37 | 10.47 | 10.57 | 10.67 | 10.77 | 10.87 |
| 0                    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.03  | 0.06  | 0.09  | 0.13  |
| 1                    | 0.17  | 0.22  | 0.27  | 0.33  | 0.39  | 0.45  | 0.52  | 0.58  | 0.65  | 0.72  |
| 2                    | 0.80  | 0.87  | 0.94  | 1.02  | 1.10  | 1.18  | 1.26  | 1.34  | 1.42  | 1.50  |
| 3                    | 1.59  | 1.67  | 1.76  | 1.84  | 1.93  | 2.02  | 2.10  | 2.19  | 2.28  | 2.37  |
| 4                    | 2.46  | 2.55  | 2.64  | 2.73  | 2.82  | 2.91  | 3.00  | 3.09  | 3.18  | 3.28  |
| 5                    | 3.37  | 3.46  | 3.55  | 3.65  | 3.74  | 3.83  | 3.93  | 4.02  | 4.11  | 4.21  |
| 6                    | 4.30  | 4.40  | 4.49  | 4.59  | 4.68  | 4.78  | 4.87  | 4.97  | 5.06  | 5.16  |
| 7                    | 5.25  | 5.35  | 5.44  | 5.54  | 5.64  | 5.73  | 5.83  | 5.92  | 6.02  | 6.12  |
| 8                    | 6.21  | 6.31  | 6.41  | 6.50  | 6.60  | 6.70  | 6.79  | 6.89  | 6.99  | 7.08  |
| 9                    | 7.18  | 7.28  | 7.38  | 7.47  | 7.57  | 7.67  | 7.77  | 7.86  | 7.96  | 8.06  |
| 10                   | 8.16  | 8.25  | 8.35  | 8.45  | 8.55  | 8.64  | 8.74  | 8.84  | 8.94  | 9.04  |
| 11                   | 9.13  | 9.23  | 9.33  | 9.43  | 9.53  | 9.62  | 9.72  | 9.82  | 9.92  | 10.02 |
| 12                   | 10.11 | 10.21 | 10.31 | 10.41 | 10.51 | 10.61 | 10.70 | 10.80 | 10.90 | 11.00 |
| 0                    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.02  | 0.04  | 0.07  | 0.11  | 0.15  |
| 1                    | 0.20  | 0.25  | 0.31  | 0.36  | 0.43  | 0.49  | 0.56  | 0.63  | 0.70  | 0.77  |
| 2                    | 0.85  | 0.93  | 1.00  | 1.08  | 1.16  | 1.24  | 1.33  | 1.41  | 1.49  | 1.58  |
| 3                    | 1.66  | 1.75  | 1.84  | 1.92  | 2.01  | 2.10  | 2.19  | 2.28  | 2.37  | 2.46  |
| 4                    | 2.55  | 2.64  | 2.73  | 2.82  | 2.91  | 3.00  | 3.10  | 3.19  | 3.28  | 3.37  |
| 5                    | 3.47  | 3.56  | 3.65  | 3.75  | 3.84  | 3.94  | 4.03  | 4.12  | 4.22  | 4.31  |
| 6                    | 4.41  | 4.50  | 4.60  | 4.70  | 4.79  | 4.89  | 4.98  | 5.08  | 5.17  | 5.27  |
| 7                    | 5.37  | 5.46  | 5.56  | 5.65  | 5.75  | 5.85  | 5.94  | 6.04  | 6.14  | 6.23  |
| 8                    | 6.33  | 6.43  | 6.53  | 6.62  | 6.72  | 6.82  | 6.91  | 7.01  | 7.11  | 7.21  |
| 9                    | 7.30  | 7.40  | 7.50  | 7.60  | 7.69  | 7.79  | 7.89  | 7.99  | 8.09  | 8.18  |
| 10                   | 8.28  | 8.38  | 8.48  | 8.57  | 8.67  | 8.77  | 8.87  | 8.97  | 9.07  | 9.16  |
| 11                   | 9.26  | 9.36  | 9.46  | 9.56  | 9.66  | 9.75  | 9.85  | 9.95  | 10.05 | 10.15 |
| 12                   | 10.25 | 10.34 | 10.44 | 10.54 | 10.64 | 10.74 | 10.84 | 10.94 | 11.03 | 11.13 |

Curve  
Number  
84

Curve  
Number  
85

Curve  
Number  
86

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches         |       |       |       |       |       |       |       |       |       |       |                       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|
| Rainfall<br>tenths<br>inches | 0     | 0.1   | 0.2   | 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.8   | 0.9   |                       |
| 0                            | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.02  | 0.05  | 0.08  | 0.13  | 0.17  | Curve<br>Number<br>87 |
| 1                            | 0.22  | 0.28  | 0.34  | 0.40  | 0.47  | 0.54  | 0.61  | 0.68  | 0.75  | 0.83  |                       |
| 2                            | 0.91  | 0.98  | 1.06  | 1.15  | 1.23  | 1.31  | 1.40  | 1.48  | 1.57  | 1.65  |                       |
| 3                            | 1.74  | 1.83  | 1.91  | 2.00  | 2.09  | 2.18  | 2.27  | 2.36  | 2.45  | 2.55  |                       |
| 4                            | 2.64  | 2.73  | 2.82  | 2.91  | 3.01  | 3.10  | 3.19  | 3.29  | 3.38  | 3.47  |                       |
| 5                            | 3.57  | 3.66  | 3.76  | 3.85  | 3.95  | 4.04  | 4.14  | 4.23  | 4.33  | 4.42  |                       |
| 6                            | 4.52  | 4.61  | 4.71  | 4.80  | 4.90  | 5.00  | 5.09  | 5.19  | 5.29  | 5.38  |                       |
| 7                            | 5.48  | 5.58  | 5.67  | 5.77  | 5.87  | 5.96  | 6.06  | 6.16  | 6.26  | 6.35  |                       |
| 8                            | 6.45  | 6.55  | 6.64  | 6.74  | 6.84  | 6.94  | 7.03  | 7.13  | 7.23  | 7.33  |                       |
| 9                            | 7.43  | 7.52  | 7.62  | 7.72  | 7.82  | 7.92  | 8.01  | 8.11  | 8.21  | 8.31  |                       |
| 10                           | 8.41  | 8.50  | 8.60  | 8.70  | 8.80  | 8.90  | 9.00  | 9.09  | 9.19  | 9.29  |                       |
| 11                           | 9.39  | 9.49  | 9.59  | 9.69  | 9.78  | 9.88  | 9.98  | 10.08 | 10.18 | 10.28 |                       |
| 12                           | 10.38 | 10.47 | 10.57 | 10.67 | 10.77 | 10.87 | 10.97 | 11.07 | 11.17 | 11.27 |                       |
| 0                            | 0.00  | 0.00  | 0.00  | 0.00  | 0.01  | 0.03  | 0.06  | 0.10  | 0.15  | 0.20  | Curve<br>Number<br>88 |
| 1                            | 0.25  | 0.31  | 0.38  | 0.44  | 0.51  | 0.58  | 0.65  | 0.73  | 0.81  | 0.89  |                       |
| 2                            | 0.97  | 1.05  | 1.13  | 1.21  | 1.30  | 1.38  | 1.47  | 1.55  | 1.64  | 1.73  |                       |
| 3                            | 1.82  | 1.91  | 2.00  | 2.09  | 2.18  | 2.27  | 2.36  | 2.45  | 2.54  | 2.64  |                       |
| 4                            | 2.73  | 2.82  | 2.92  | 3.01  | 3.10  | 3.20  | 3.29  | 3.38  | 3.48  | 3.57  |                       |
| 5                            | 3.67  | 3.76  | 3.86  | 3.95  | 4.05  | 4.15  | 4.24  | 4.34  | 4.43  | 4.53  |                       |
| 6                            | 4.63  | 4.72  | 4.82  | 4.92  | 5.01  | 5.11  | 5.21  | 5.30  | 5.40  | 5.50  |                       |
| 7                            | 5.59  | 5.69  | 5.79  | 5.89  | 5.98  | 6.08  | 6.18  | 6.28  | 6.37  | 6.47  |                       |
| 8                            | 6.57  | 6.67  | 6.76  | 6.86  | 6.96  | 7.06  | 7.16  | 7.25  | 7.35  | 7.45  |                       |
| 9                            | 7.55  | 7.65  | 7.74  | 7.84  | 7.94  | 8.04  | 8.14  | 8.24  | 8.33  | 8.43  |                       |
| 10                           | 8.53  | 8.63  | 8.73  | 8.83  | 8.93  | 9.02  | 9.12  | 9.22  | 9.32  | 9.42  |                       |
| 11                           | 9.52  | 9.62  | 9.71  | 9.81  | 9.91  | 10.01 | 10.11 | 10.21 | 10.31 | 10.41 |                       |
| 12                           | 10.51 | 10.60 | 10.70 | 10.80 | 10.90 | 11.00 | 11.10 | 11.20 | 11.30 | 11.40 |                       |
| 0                            | 0.00  | 0.00  | 0.00  | 0.00  | 0.02  | 0.04  | 0.08  | 0.12  | 0.17  | 0.23  | Curve<br>Number<br>89 |
| 1                            | 0.28  | 0.35  | 0.41  | 0.48  | 0.56  | 0.63  | 0.71  | 0.78  | 0.86  | 0.95  |                       |
| 2                            | 1.03  | 1.11  | 1.20  | 1.28  | 1.37  | 1.45  | 1.54  | 1.63  | 1.72  | 1.81  |                       |
| 3                            | 1.90  | 1.99  | 2.08  | 2.17  | 2.26  | 2.36  | 2.45  | 2.54  | 2.64  | 2.73  |                       |
| 4                            | 2.82  | 2.92  | 3.01  | 3.11  | 3.20  | 3.30  | 3.39  | 3.49  | 3.58  | 3.68  |                       |
| 5                            | 3.77  | 3.87  | 3.96  | 4.06  | 4.16  | 4.25  | 4.35  | 4.45  | 4.54  | 4.64  |                       |
| 6                            | 4.74  | 4.83  | 4.93  | 5.03  | 5.12  | 5.22  | 5.32  | 5.42  | 5.51  | 5.61  |                       |
| 7                            | 5.71  | 5.81  | 5.90  | 6.00  | 6.10  | 6.20  | 6.29  | 6.39  | 6.49  | 6.59  |                       |
| 8                            | 6.69  | 6.78  | 6.88  | 6.98  | 7.08  | 7.18  | 7.28  | 7.37  | 7.47  | 7.57  |                       |
| 9                            | 7.67  | 7.77  | 7.87  | 7.97  | 8.06  | 8.16  | 8.26  | 8.36  | 8.46  | 8.56  |                       |
| 10                           | 8.66  | 8.75  | 8.85  | 8.95  | 9.05  | 9.15  | 9.25  | 9.35  | 9.45  | 9.55  |                       |
| 11                           | 9.64  | 9.74  | 9.84  | 9.94  | 10.04 | 10.14 | 10.24 | 10.34 | 10.44 | 10.54 |                       |
| 12                           | 10.63 | 10.73 | 10.83 | 10.93 | 11.03 | 11.13 | 11.23 | 11.33 | 11.43 | 11.53 |                       |

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches         |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rainfall<br>tenths<br>inches | 0     | 0.1   | 0.2   | 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.8   | 0.9   |
| 0                            | 0.00  | 0.00  | 0.00  | 0.01  | 0.02  | 0.06  | 0.10  | 0.14  | 0.20  | 0.26  |
| 1                            | 0.32  | 0.39  | 0.46  | 0.53  | 0.61  | 0.68  | 0.76  | 0.84  | 0.93  | 1.01  |
| 2                            | 1.09  | 1.18  | 1.27  | 1.35  | 1.44  | 1.53  | 1.62  | 1.71  | 1.80  | 1.89  |
| 3                            | 1.98  | 2.08  | 2.17  | 2.26  | 2.35  | 2.45  | 2.54  | 2.64  | 2.73  | 2.82  |
| 4                            | 2.92  | 3.01  | 3.11  | 3.20  | 3.30  | 3.40  | 3.49  | 3.59  | 3.68  | 3.78  |
| 5                            | 3.88  | 3.97  | 4.07  | 4.17  | 4.26  | 4.36  | 4.46  | 4.55  | 4.65  | 4.75  |
| 6                            | 4.85  | 4.94  | 5.04  | 5.14  | 5.24  | 5.33  | 5.43  | 5.53  | 5.63  | 5.73  |
| 7                            | 5.82  | 5.92  | 6.02  | 6.12  | 6.22  | 6.31  | 6.41  | 6.51  | 6.61  | 6.71  |
| 8                            | 6.81  | 6.90  | 7.00  | 7.10  | 7.20  | 7.30  | 7.40  | 7.50  | 7.59  | 7.69  |
| 9                            | 7.79  | 7.89  | 7.99  | 8.09  | 8.19  | 8.29  | 8.38  | 8.48  | 8.58  | 8.68  |
| 10                           | 8.78  | 8.88  | 8.98  | 9.08  | 9.18  | 9.28  | 9.37  | 9.47  | 9.57  | 9.67  |
| 11                           | 9.77  | 9.87  | 9.97  | 10.07 | 10.17 | 10.27 | 10.37 | 10.46 | 10.56 | 10.66 |
| 12                           | 10.76 | 10.86 | 10.96 | 11.06 | 11.16 | 11.26 | 11.36 | 11.46 | 11.56 | 11.66 |
| 0                            | 0.00  | 0.00  | 0.00  | 0.01  | 0.03  | 0.07  | 0.12  | 0.17  | 0.23  | 0.29  |
| 1                            | 0.36  | 0.43  | 0.50  | 0.58  | 0.66  | 0.74  | 0.82  | 0.91  | 0.99  | 1.08  |
| 2                            | 1.16  | 1.25  | 1.34  | 1.43  | 1.52  | 1.61  | 1.70  | 1.79  | 1.89  | 1.98  |
| 3                            | 2.07  | 2.16  | 2.26  | 2.35  | 2.45  | 2.54  | 2.64  | 2.73  | 2.83  | 2.92  |
| 4                            | 3.02  | 3.11  | 3.21  | 3.31  | 3.40  | 3.50  | 3.59  | 3.69  | 3.79  | 3.89  |
| 5                            | 3.98  | 4.08  | 4.18  | 4.27  | 4.37  | 4.47  | 4.57  | 4.66  | 4.76  | 4.86  |
| 6                            | 4.96  | 5.06  | 5.15  | 5.25  | 5.35  | 5.45  | 5.55  | 5.64  | 5.74  | 5.84  |
| 7                            | 5.94  | 6.04  | 6.14  | 6.23  | 6.33  | 6.43  | 6.53  | 6.63  | 6.73  | 6.83  |
| 8                            | 6.92  | 7.02  | 7.12  | 7.22  | 7.32  | 7.42  | 7.52  | 7.62  | 7.72  | 7.81  |
| 9                            | 7.91  | 8.01  | 8.11  | 8.21  | 8.31  | 8.41  | 8.51  | 8.61  | 8.71  | 8.80  |
| 10                           | 8.90  | 9.00  | 9.10  | 9.20  | 9.30  | 9.40  | 9.50  | 9.60  | 9.70  | 9.80  |
| 11                           | 9.90  | 10.00 | 10.09 | 10.19 | 10.29 | 10.39 | 10.49 | 10.59 | 10.69 | 10.79 |
| 12                           | 10.89 | 10.99 | 11.09 | 11.19 | 11.29 | 11.39 | 11.49 | 11.59 | 11.69 | 11.78 |
| 0                            | 0.00  | 0.00  | 0.00  | 0.02  | 0.05  | 0.09  | 0.14  | 0.20  | 0.26  | 0.33  |
| 1                            | 0.40  | 0.48  | 0.56  | 0.64  | 0.72  | 0.80  | 0.89  | 0.97  | 1.06  | 1.15  |
| 2                            | 1.24  | 1.33  | 1.42  | 1.51  | 1.60  | 1.69  | 1.79  | 1.88  | 1.97  | 2.07  |
| 3                            | 2.16  | 2.26  | 2.35  | 2.45  | 2.54  | 2.64  | 2.73  | 2.83  | 2.92  | 3.02  |
| 4                            | 3.12  | 3.21  | 3.31  | 3.41  | 3.50  | 3.60  | 3.70  | 3.80  | 3.89  | 3.99  |
| 5                            | 4.09  | 4.19  | 4.28  | 4.38  | 4.48  | 4.58  | 4.68  | 4.77  | 4.87  | 4.97  |
| 6                            | 5.07  | 5.17  | 5.27  | 5.36  | 5.46  | 5.56  | 5.66  | 5.76  | 5.86  | 5.96  |
| 7                            | 6.05  | 6.15  | 6.25  | 6.35  | 6.45  | 6.55  | 6.65  | 6.75  | 6.85  | 6.94  |
| 8                            | 7.04  | 7.14  | 7.24  | 7.34  | 7.44  | 7.54  | 7.64  | 7.74  | 7.84  | 7.94  |
| 9                            | 8.03  | 8.13  | 8.23  | 8.33  | 8.43  | 8.53  | 8.63  | 8.73  | 8.83  | 8.93  |
| 10                           | 9.03  | 9.13  | 9.23  | 9.33  | 9.42  | 9.52  | 9.62  | 9.72  | 9.82  | 9.92  |
| 11                           | 10.02 | 10.12 | 10.22 | 10.32 | 10.42 | 10.52 | 10.62 | 10.72 | 10.82 | 10.92 |
| 12                           | 11.02 | 11.12 | 11.22 | 11.31 | 11.41 | 11.51 | 11.61 | 11.71 | 11.81 | 11.91 |

Curve  
Number  
90

Curve  
Number  
91

Curve  
Number  
92

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.

Table 2-2a. -Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

| Runoff (Q) in inches |        |       |       |       |       |       |       |       |       |       |       |
|----------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rainfall<br>inches   | tenths | 0     | 0.1   | 0.2   | 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.8   | 0.9   |
| 0                    |        | 0.00  | 0.00  | 0.00  | 0.02  | 0.06  | 0.11  | 0.17  | 0.23  | 0.30  | 0.37  |
| 1                    |        | 0.45  | 0.53  | 0.61  | 0.69  | 0.78  | 0.87  | 0.95  | 1.04  | 1.13  | 1.22  |
| 2                    |        | 1.31  | 1.41  | 1.50  | 1.59  | 1.69  | 1.78  | 1.87  | 1.97  | 2.06  | 2.16  |
| 3                    |        | 2.25  | 2.35  | 2.45  | 2.54  | 2.64  | 2.73  | 2.83  | 2.93  | 3.03  | 3.12  |
| 4                    |        | 3.22  | 3.32  | 3.41  | 3.51  | 3.61  | 3.71  | 3.81  | 3.90  | 4.00  | 4.10  |
| 5                    |        | 4.20  | 4.30  | 4.39  | 4.49  | 4.59  | 4.69  | 4.79  | 4.89  | 4.99  | 5.08  |
| 6                    |        | 5.18  | 5.28  | 5.38  | 5.48  | 5.58  | 5.68  | 5.78  | 5.87  | 5.97  | 6.07  |
| 7                    |        | 6.17  | 6.27  | 6.37  | 6.47  | 6.57  | 6.67  | 6.77  | 6.87  | 6.96  | 7.06  |
| 8                    |        | 7.16  | 7.26  | 7.36  | 7.46  | 7.56  | 7.66  | 7.76  | 7.86  | 7.96  | 8.06  |
| 9                    |        | 8.16  | 8.26  | 8.35  | 8.45  | 8.55  | 8.65  | 8.75  | 8.85  | 8.95  | 9.05  |
| 10                   |        | 9.15  | 9.25  | 9.35  | 9.45  | 9.55  | 9.65  | 9.75  | 9.85  | 9.95  | 10.05 |
| 11                   |        | 10.15 | 10.25 | 10.34 | 10.44 | 10.54 | 10.64 | 10.74 | 10.84 | 10.94 | 11.04 |
| 12                   |        | 11.14 | 11.24 | 11.34 | 11.44 | 11.54 | 11.64 | 11.74 | 11.84 | 11.94 | 12.04 |
| 0                    |        | 0.00  | 0.00  | 0.01  | 0.04  | 0.08  | 0.14  | 0.20  | 0.27  | 0.34  | 0.42  |
| 1                    |        | 0.50  | 0.59  | 0.67  | 0.76  | 0.85  | 0.94  | 1.03  | 1.12  | 1.21  | 1.30  |
| 2                    |        | 1.40  | 1.49  | 1.58  | 1.68  | 1.77  | 1.87  | 1.97  | 2.06  | 2.16  | 2.25  |
| 3                    |        | 2.35  | 2.45  | 2.54  | 2.64  | 2.74  | 2.84  | 2.93  | 3.03  | 3.13  | 3.23  |
| 4                    |        | 3.32  | 3.42  | 3.52  | 3.62  | 3.72  | 3.82  | 3.91  | 4.01  | 4.11  | 4.21  |
| 5                    |        | 4.31  | 4.41  | 4.51  | 4.60  | 4.70  | 4.80  | 4.90  | 5.00  | 5.10  | 5.20  |
| 6                    |        | 5.30  | 5.40  | 5.49  | 5.59  | 5.69  | 5.79  | 5.89  | 5.99  | 6.09  | 6.19  |
| 7                    |        | 6.29  | 6.39  | 6.49  | 6.59  | 6.69  | 6.78  | 6.88  | 6.98  | 7.08  | 7.18  |
| 8                    |        | 7.28  | 7.38  | 7.48  | 7.58  | 7.68  | 7.78  | 7.88  | 7.98  | 8.08  | 8.18  |
| 9                    |        | 8.28  | 8.38  | 8.48  | 8.58  | 8.68  | 8.77  | 8.87  | 8.97  | 9.07  | 9.17  |
| 10                   |        | 9.27  | 9.37  | 9.47  | 9.57  | 9.67  | 9.77  | 9.87  | 9.97  | 10.07 | 10.17 |
| 11                   |        | 10.27 | 10.37 | 10.47 | 10.57 | 10.67 | 10.77 | 10.87 | 10.97 | 11.07 | 11.17 |
| 12                   |        | 11.27 | 11.37 | 11.47 | 11.57 | 11.67 | 11.77 | 11.87 | 11.96 | 12.06 | 12.16 |
| 0                    |        | 0.00  | 0.00  | 0.01  | 0.05  | 0.11  | 0.17  | 0.24  | 0.32  | 0.40  | 0.48  |
| 1                    |        | 0.56  | 0.65  | 0.74  | 0.83  | 0.92  | 1.01  | 1.11  | 1.20  | 1.29  | 1.39  |
| 2                    |        | 1.48  | 1.58  | 1.67  | 1.77  | 1.87  | 1.96  | 2.06  | 2.16  | 2.25  | 2.35  |
| 3                    |        | 2.45  | 2.55  | 2.64  | 2.74  | 2.84  | 2.94  | 3.04  | 3.14  | 3.23  | 3.33  |
| 4                    |        | 3.43  | 3.53  | 3.63  | 3.73  | 3.83  | 3.92  | 4.02  | 4.12  | 4.22  | 4.32  |
| 5                    |        | 4.42  | 4.52  | 4.62  | 4.72  | 4.82  | 4.92  | 5.01  | 5.11  | 5.21  | 5.31  |
| 6                    |        | 5.41  | 5.51  | 5.61  | 5.71  | 5.81  | 5.91  | 6.01  | 6.11  | 6.21  | 6.31  |
| 7                    |        | 6.41  | 6.51  | 6.60  | 6.70  | 6.80  | 6.90  | 7.00  | 7.10  | 7.20  | 7.30  |
| 8                    |        | 7.40  | 7.50  | 7.60  | 7.70  | 7.80  | 7.90  | 8.00  | 8.10  | 8.20  | 8.30  |
| 9                    |        | 8.40  | 8.50  | 8.60  | 8.70  | 8.80  | 8.90  | 9.00  | 9.10  | 9.20  | 9.30  |
| 10                   |        | 9.40  | 9.49  | 9.59  | 9.69  | 9.79  | 9.89  | 9.99  | 10.09 | 10.19 | 10.29 |
| 11                   |        | 10.39 | 10.49 | 10.59 | 10.69 | 10.79 | 10.89 | 10.99 | 11.09 | 11.19 | 11.29 |
| 12                   |        | 11.39 | 11.49 | 11.59 | 11.69 | 11.79 | 11.89 | 11.99 | 12.09 | 12.19 | 12.29 |

Curve  
Number  
93

Curve  
Number  
94

Curve  
Number  
95

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.



Table 2-2a.-Runoff depth for CN's 60-98 and for rainfall less than 13 inches.

|                    |        | Runoff (Q) in inches |       |       |       |       |       |       |       |       |       |
|--------------------|--------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rainfall<br>inches | tenths | 0                    | 0.1   | 0.2   | 0.3   | 0.4   | 0.5   | 0.6   | 0.7   | 0.8   | 0.9   |
|                    |        |                      |       |       |       |       |       |       |       |       |       |
| 0                  |        | 0.00                 | 0.00  | 0.03  | 0.07  | 0.14  | 0.21  | 0.29  | 0.37  | 0.45  | 0.54  |
| 1                  |        | 0.63                 | 0.72  | 0.81  | 0.91  | 1.00  | 1.09  | 1.19  | 1.29  | 1.38  | 1.48  |
| 2                  |        | 1.57                 | 1.67  | 1.77  | 1.87  | 1.96  | 2.06  | 2.16  | 2.26  | 2.36  | 2.45  |
| 3                  |        | 2.55                 | 2.65  | 2.75  | 2.85  | 2.95  | 3.05  | 3.14  | 3.24  | 3.34  | 3.44  |
| 4                  |        | 3.54                 | 3.64  | 3.74  | 3.84  | 3.94  | 4.04  | 4.14  | 4.23  | 4.33  | 4.43  |
| 5                  |        | 4.53                 | 4.63  | 4.73  | 4.83  | 4.93  | 5.03  | 5.13  | 5.23  | 5.33  | 5.43  |
| 6                  |        | 5.53                 | 5.63  | 5.73  | 5.83  | 5.93  | 6.03  | 6.13  | 6.22  | 6.32  | 6.42  |
| 7                  |        | 6.52                 | 6.62  | 6.72  | 6.82  | 6.92  | 7.02  | 7.12  | 7.22  | 7.32  | 7.42  |
| 8                  |        | 7.52                 | 7.62  | 7.72  | 7.82  | 7.92  | 8.02  | 8.12  | 8.22  | 8.32  | 8.42  |
| 9                  |        | 8.52                 | 8.62  | 8.72  | 8.82  | 8.92  | 9.02  | 9.12  | 9.22  | 9.32  | 9.42  |
| 10                 |        | 9.52                 | 9.62  | 9.72  | 9.82  | 9.92  | 10.02 | 10.12 | 10.22 | 10.32 | 10.42 |
| 11                 |        | 10.52                | 10.62 | 10.72 | 10.81 | 10.91 | 11.01 | 11.11 | 11.21 | 11.31 | 11.41 |
| 12                 |        | 11.51                | 11.61 | 11.71 | 11.81 | 11.91 | 12.01 | 12.11 | 12.21 | 12.31 | 12.41 |
|                    |        |                      |       |       |       |       |       |       |       |       |       |
| 0                  |        | 0.00                 | 0.00  | 0.04  | 0.10  | 0.18  | 0.26  | 0.34  | 0.43  | 0.52  | 0.61  |
| 1                  |        | 0.71                 | 0.80  | 0.89  | 0.99  | 1.09  | 1.18  | 1.28  | 1.38  | 1.48  | 1.57  |
| 2                  |        | 1.67                 | 1.77  | 1.87  | 1.97  | 2.06  | 2.16  | 2.26  | 2.36  | 2.46  | 2.56  |
| 3                  |        | 2.66                 | 2.76  | 2.86  | 2.96  | 3.06  | 3.15  | 3.25  | 3.35  | 3.45  | 3.55  |
| 4                  |        | 3.65                 | 3.75  | 3.85  | 3.95  | 4.05  | 4.15  | 4.25  | 4.35  | 4.45  | 4.55  |
| 5                  |        | 4.65                 | 4.75  | 4.85  | 4.95  | 5.05  | 5.15  | 5.25  | 5.34  | 5.44  | 5.54  |
| 6                  |        | 5.64                 | 5.74  | 5.84  | 5.94  | 6.04  | 6.14  | 6.24  | 6.34  | 6.44  | 6.54  |
| 7                  |        | 6.64                 | 6.74  | 6.84  | 6.94  | 7.04  | 7.14  | 7.24  | 7.34  | 7.44  | 7.54  |
| 8                  |        | 7.64                 | 7.74  | 7.84  | 7.94  | 8.04  | 8.14  | 8.24  | 8.34  | 8.44  | 8.54  |
| 9                  |        | 8.64                 | 8.74  | 8.84  | 8.94  | 9.04  | 9.14  | 9.24  | 9.34  | 9.44  | 9.54  |
| 10                 |        | 9.64                 | 9.74  | 9.84  | 9.94  | 10.04 | 10.14 | 10.24 | 10.34 | 10.44 | 10.54 |
| 11                 |        | 10.64                | 10.74 | 10.84 | 10.94 | 11.04 | 11.14 | 11.24 | 11.34 | 11.44 | 11.54 |
| 12                 |        | 11.64                | 11.74 | 11.84 | 11.94 | 12.04 | 12.14 | 12.24 | 12.34 | 12.44 | 12.54 |
|                    |        |                      |       |       |       |       |       |       |       |       |       |
| 0                  |        | 0.00                 | 0.01  | 0.07  | 0.15  | 0.23  | 0.32  | 0.41  | 0.50  | 0.60  | 0.69  |
| 1                  |        | 0.79                 | 0.89  | 0.99  | 1.08  | 1.18  | 1.28  | 1.38  | 1.48  | 1.58  | 1.68  |
| 2                  |        | 1.77                 | 1.87  | 1.97  | 2.07  | 2.17  | 2.27  | 2.37  | 2.47  | 2.57  | 2.67  |
| 3                  |        | 2.77                 | 2.87  | 2.97  | 3.07  | 3.17  | 3.27  | 3.37  | 3.47  | 3.57  | 3.67  |
| 4                  |        | 3.77                 | 3.86  | 3.96  | 4.06  | 4.16  | 4.26  | 4.36  | 4.46  | 4.56  | 4.66  |
| 5                  |        | 4.76                 | 4.86  | 4.96  | 5.06  | 5.16  | 5.26  | 5.36  | 5.46  | 5.56  | 5.66  |
| 6                  |        | 5.76                 | 5.86  | 5.96  | 6.06  | 6.16  | 6.26  | 6.36  | 6.46  | 6.56  | 6.66  |
| 7                  |        | 6.76                 | 6.86  | 6.96  | 7.06  | 7.16  | 7.26  | 7.36  | 7.46  | 7.56  | 7.66  |
| 8                  |        | 7.76                 | 7.86  | 7.96  | 8.06  | 8.16  | 8.26  | 8.36  | 8.46  | 8.56  | 8.66  |
| 9                  |        | 8.76                 | 8.86  | 8.96  | 9.06  | 9.16  | 9.26  | 9.36  | 9.46  | 9.56  | 9.66  |
| 10                 |        | 9.76                 | 9.86  | 9.96  | 10.06 | 10.16 | 10.26 | 10.36 | 10.46 | 10.56 | 10.66 |
| 11                 |        | 10.76                | 10.86 | 10.96 | 11.06 | 11.16 | 11.26 | 11.36 | 11.46 | 11.56 | 11.66 |
| 12                 |        | 11.76                | 11.86 | 11.96 | 12.06 | 12.16 | 12.26 | 12.36 | 12.46 | 12.56 | 12.66 |

Curve  
Number  
96

Curve  
Number  
97

Curve  
Number  
98

Note: For rainfall amount in inches on vertical scale  
and in tenths of an inch on horizontal scale read  
runoff (Q) from table.