

STORMWATER MANAGEMENT

205 Attachment 2

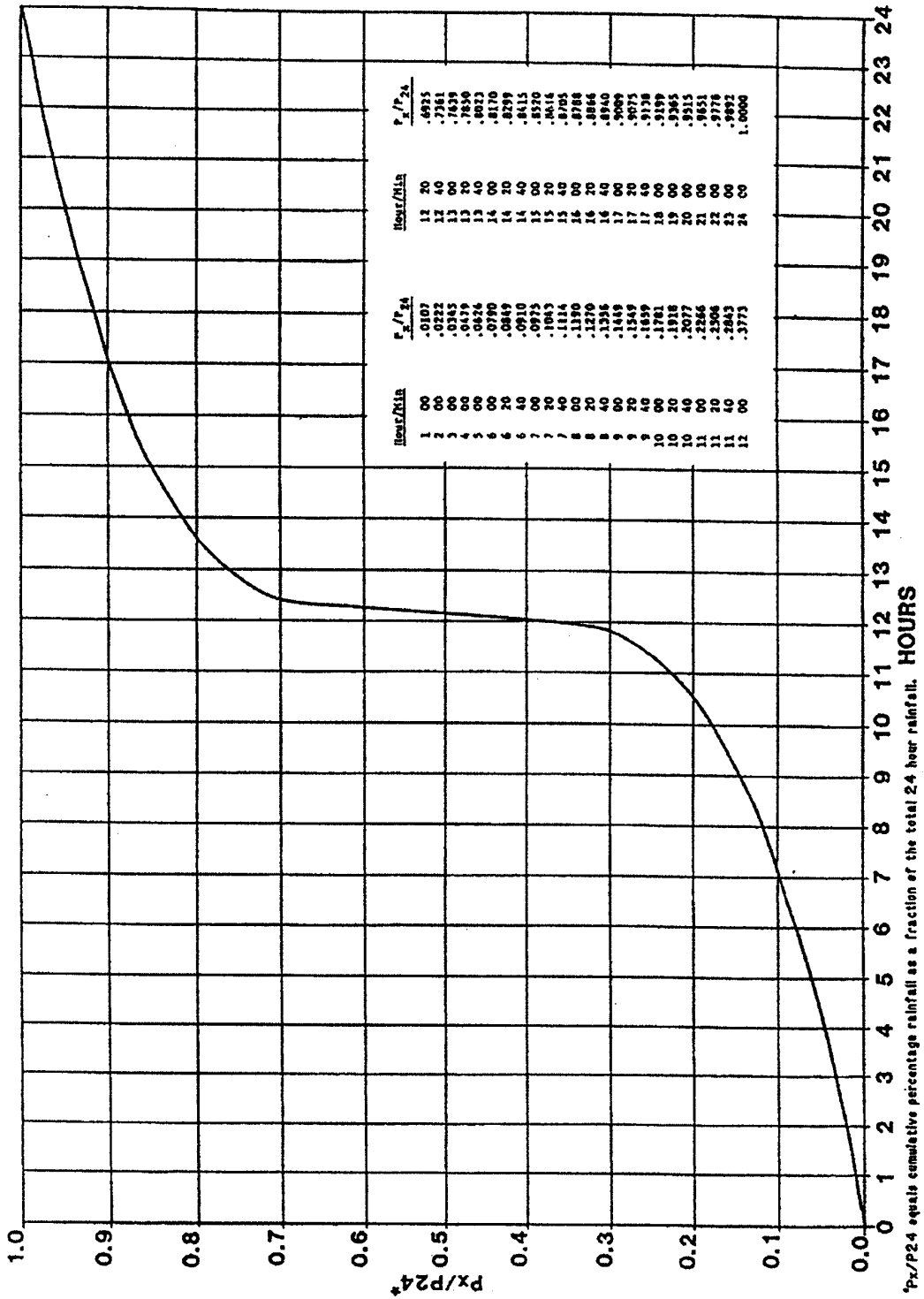
Borough of Stockertown

Appendix C

- C-1 NRCS Type II 24-Hour Rainfall Distribution (Graphic and Tabular)
- C-2 Intensity-Duration-Frequency Curves
- C-3 Runoff Curve Numbers and Percent Imperviousness Values
- C-4 Runoff Coefficients for the Rational Method
- C-5 Manning 'n' Values

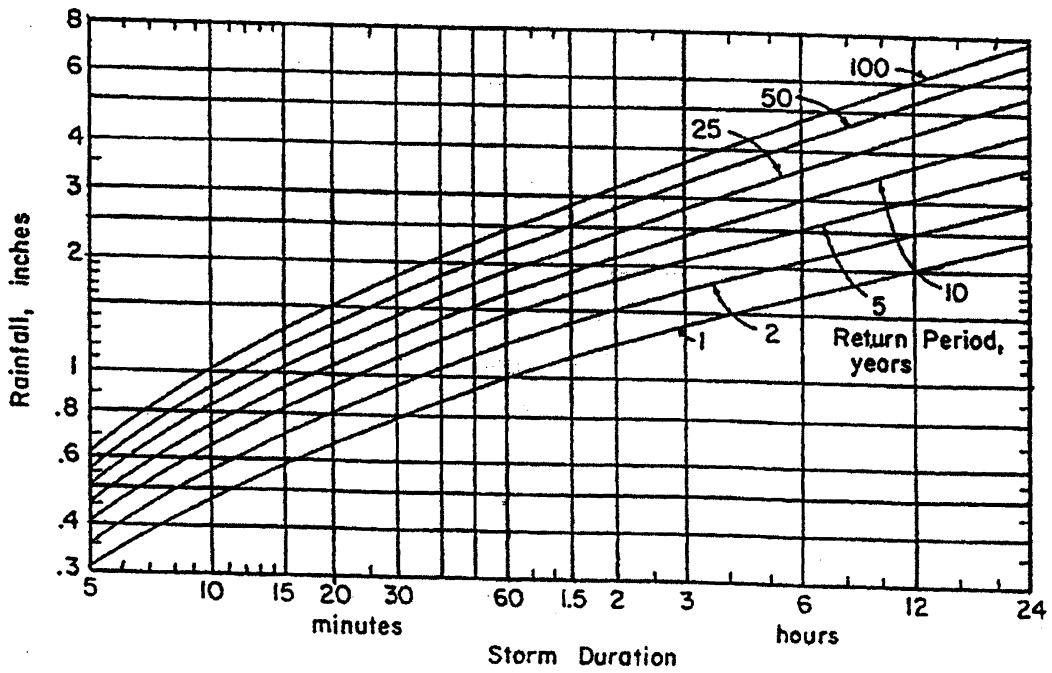
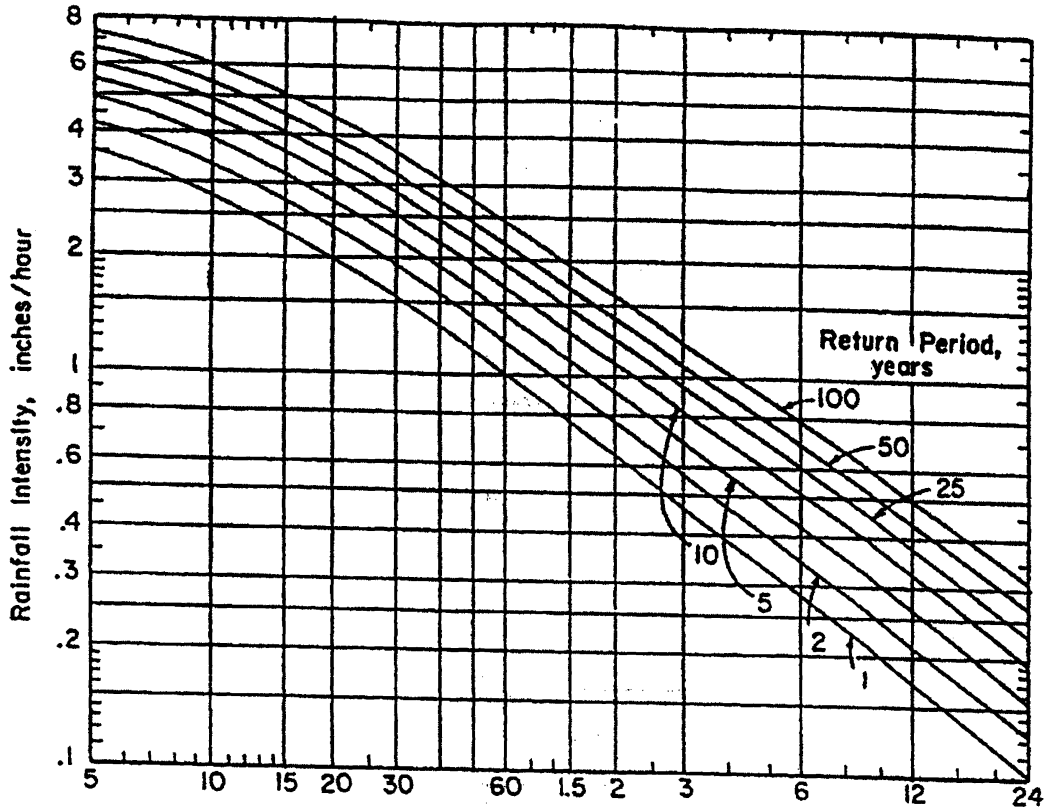
STOCKERTOWN CODE

NRCS TYPE II RAINFALL DISTRIBUTION



STORMWATER MANAGEMENT

INTENSITY-DURATION-FREQUENCY CURVES*



*Source: Pennsylvania Dept. of Transp. Design Rainfall Curves (1986).

STOCKERTOWN CODE

Runoff Curve Numbers and Percent Imperviousness Values*

Cover Description	Average percent impervious area	Curve numbers for hydrologic soil group**			
		A	B	C	D
Land Use/Cover Type					
Open space (lawns, parks, golf courses, cemeteries, etc.):					
Good condition (grass cover greater than 75%)		39	61	74	80
Impervious areas:					
Paved parking lots, roofs, driveways, etc. (excluding right-of-way)		98	98	98	98
Streets and roads:					
Paved; curbs and storm sewers (excluding right-of-way)		98	98	98	98
Paved; open ditches (including right-of-way)		83	89	92	93
Gravel (including right-of-way)		76	85	89	91
Urban districts:					
Commercial and business	85	89	92	94	95
Industrial	72	81	88	91	93
Residential districts by average lot size:					
1/8 acre or less (townhouses)	65	77	85	90	92
1/4 acre	38	61	75	83	87
1/3 acre	30	57	72	81	86
1/2 acre	25	54	70	80	85
1 acre	20	51	68	79	84
2 acres	12	46	65	77	82
Woods		30	55	70	77
Agriculture		Refer to Table 2-2b in source document (TR55) by crop type and treatment			

NOTES:

* Source: Natural Resources Conservation Service Technical Release No. 55, Second Edition, June 1986.

** Hydrologic Soil Group based on the County Soil Survey latest edition.