Symbol	Definition	Units
A	Drainage Area	acres, sq. mi.
a	Rainfall regression constant	-
b	Rainfall regression constant	-
b1	Urban Regression Method exponent	-
b2	Urban Regression Method exponent	-
b3	Urban Regression Method exponent	-
b4	Urban Regression Method exponent	-
b5	Urban Regression Method exponent	-
b6	Urban Regression Method exponent	-
b7	Urban Regression Method exponent	-
BDF	Basin Development Factor	%
C	Runoff coefficient	-
C	Urban Regression Method constant	-
C_f	Frequency factor	-
CN	SCS-runoff curve number	-
C_t, C_p	Physiographic coefficients	-
D_m	Mean depth of lake or reservoir	ft
D_e	Storm duration	min
G	Coefficient of Skew	ft
g	Acceleration due to gravity	ft/s^2
i	Average Rainfall intensity	in/hr
IA	Percentage of impervious area	%
I_a	Initial abstraction from total rainfall	in
K	Statistical Method Frequency Factor	-
K	Anderson Method Coefficient of Imperviousness	-
L	Flow Length or Length of Strip	ft
L'	Equivalent length of channel	mi
L	Anderson Method Basin Length or Snyder Method Channel Length	mi
l	Length of mainstream to furthest divide	ft
L_{ca}	Length along main channel to a point opposite the watershed centroid	mi
M	Rank of a flood within a long record	-
m	Number of flow segments	-
n	Manning's roughness coefficient	-
N	Number of years of flood record	yrs
P	Precipitation	in
q	Storm runoff during a time interval	in
R	Flood frequency ratio	-
R	Hydraulic radius	ft
RI2	Rainfall intensity for the 2-hr, 2-year occurrence	in
RQ_T	Rural Regression for Return Period T Peak Discharge	cfs
RC	Regression constant	-

RQ	Equivalent rural peak runoff rate	cfs
S or Y	Ground slope	ft/ft or %
S	Anderson Method Index of Basin Slope	ft/mi
S	SCS Method Potential maximum retention storage	in
S_o	Channel slope	ft/ft
SL	Urban Regression Method Main Channel Slope	ft/mi
S_L	Standard Deviation	-
ST	Basin storage factor	%
T_b	Time base of hydrograph	min or hrs
T_c	Time of concentration	min
T_c	Modified Critical Storm Duration	min
T_r	Time to Recede	min
T_t	Travel time	hrs
T_p	Time to Peak	min
T	Anderson Method Lag Time	hrs
Q_L	Mean of the logarithms of the peak annual floods	cfs
q_o	Allowable outflow rate	cfs
Q, Q_p	Maximum rate of runoff or Peak Discharge	cfs
Q	SCS Direct Runoff	in
Q	Statistical Method Mean of Logs	-
UQ	Urban Regression Method peak runoff rate	cfs
UQ_T	Peak runoff rate for Urban Watershed for Return Period T	cfs
V_w	Wave velocity	ft/s
V	Velocity or Average velocity	ft/s
X	Logarithm of the annual peak	-