

Gaging-Station-Numbering System
Each gaging station and partial-record station has been assigned a number in downstream order in accordance with the permanent numbering system used by the Geological Survey. Numbers are assigned in a downstream direction along the main stream, and stations on tributaries between main-stream stations are numbered in the order they enter the main stream. A similar order is followed on other ranks of tributaries. The complete 8-digit number, such as 13038900 includes the part number "13" plus a 6-digit station number. Only the 6-digit station number is shown in this illustration.

Summary of regression equations by region for peak discharges in Idaho.

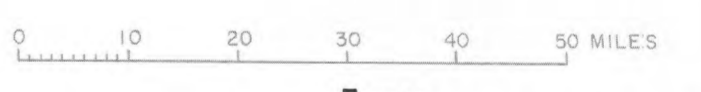
Region	Regression equation for Q_{10}	Standard error of estimate (percent)	Q_{25}/Q_{10} ratio	Q_{50}/Q_{10} ratio
1	$Q_{10} = 49.8 A^{0.862}$	41	1.3	1.5
2	$Q_{10} = 66.5 A^{0.801} F^{-0.236}$	61	1.3	1.5
3	$Q_{10} = 3.81 A^{0.875} F^{-0.216} N^{2.02}$	51	1.3	1.5
4	$Q_{10} = 43.4 A^{0.857} F^{-0.210}$	62	1.4	1.8
5	$Q_{10} = 13.0 A^{0.918}$	61	1.3	1.5
6	$Q_{10} = 188 A^{0.873} L^{0.773} N^{-1.82}$	41	1.2	1.3
7	$Q_{10} = 20.6 A^{0.806} W^{-1.05}$	59	1.2	1.4
8	$Q_{10} = 193 A^{0.758} P^{0.222} N^{-4.25}$	45	1.4	1.7

EXPLANATION
A = Drainage area in square miles.
F = Percentage of forest cover plus 1 percent.
La = Percentage of area of lakes and ponds on the basin plus 1 percent.
N = Latitude of centroid of basin in degrees minus 40 degrees.
W = Longitude of centroid of basin in degrees minus 110 degrees.

EXPLANATION
Part 13

- River basin boundary and number
 - Region boundary
 - 4**
Region number
 - Boundary of undefined area (hatched area)
 - Known gaining stream reach
 - Known losing stream reach
 - Irrigated area
 - Gaging stations**
 - Active station and number
 - Discontinued station and number
 - Active crest-stage station and number
 - Discontinued crest-stage station and number
 - Active station and number operated by Agricultural Research Service
- Parts and numbers are those permanently assigned in Geological Survey system and used in this report.

FIGURE 1.--MAP OF IDAHO SHOWING LOCATIONS OF GAGING STATIONS USED IN THE ANALYSES, REGIONS, AND SOME AREAS AND STREAMS FOR WHICH REGRESSION EQUATIONS DO NOT APPLY.



Base from U.S. Geological Survey 1:500,000