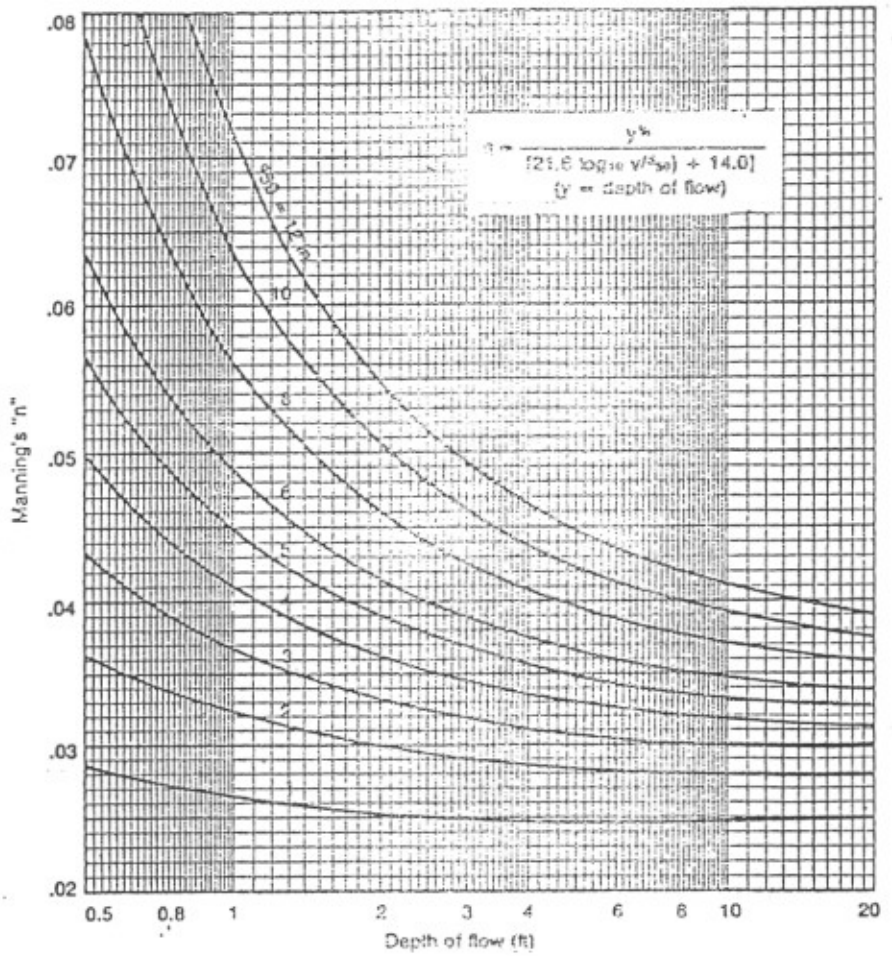

$n = \frac{y^{1/6}}{[21.6 \log y/d_{50} + 14]}$

From Technical Guide Standard and Specification 468
(Lined Waterway or Outlet)

Figure IN-6-7 - Values of n for riprap-lined channels, d50 size vs depth of flow

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ALLOWABLE VELOCITY FOR d50 ROCK SIZE

d50 Rock Size inches	Allowable Velocity feet per second
4	5.8
5	6.4
6	6.9
7	7.4
8	7.9
9	8.4
[illegible]	8.8
[illegible]	9.2
12	9.6

Figure IN-6-8 - Allowable Velocity for Rock Lined Chutes [illegible] Rock Size

(EFM Notice [illegible], October 1989)