

TABLE OF FLOW OF WATER IN OPEN CHANNELS, IN MINERS' INCHES

BASE TO PERPENDICULAR OF THE SIDE SLOPES BEING AS 3:4

Fall per Mile in Feet.	T. 3.3 Feet. B. 1.5 Feet. D. 1.2 Feet.	T. 4.4 Feet. B. 2.0 Feet. D. 1.6 Feet.	T. 5.5 Feet. B. 2.5 Feet. D. 2.0 Feet.	T. 6.6 Feet. B. 3.0 Feet. D. 2.4 Feet.	T. 7.7 Feet. B. 3.5 Feet. D. 2.8 Feet.	T. 8.8 Feet. B. 4.0 Feet. D. 3.2 Feet.
	Section 2.88 Sq. Feet.	Section 5.12 Sq. Feet.	Section 8.0 Sq. Feet.	Section 11.52 Sq. Feet.	Section 15.68 Sq. Feet.	Section 20.48 Sq. Feet.
4	88.3	182.3	371.3	617.3	897.6	1350.0
5	99.0	204.0	415.5	674.6	1070.0	1510.0
6	108.3	223.3	455.0	739.0	1096.0	1654.0
7	114.0	241.3	491.3	798.0	1187.0	1786.0
8	125.0	257.6	525.0	853.3	1270.0	1909.0
9	132.6	273.6	557.0	905.0	1346.0	2025.0
10	139.6	289.0	590.0	954.0	1419.0	2135.0
11	146.6	302.3	615.3	1000.6	1488.0	2240.0
12	153.3	316.0	643.3	1045.0	1555.0	2355.0
13	159.3	328.6	669.3	1087.6	1618.0	2434.0
14	165.5	341.3	694.6	1129.0	1680.0	2526.0
15	171.3	353.3	719.6	1168.0	1738.0	2615.0
16	176.6	364.6	742.3	1206.0	1800.0	2700.0
17	182.3	376.0	765.3	1243.0	1850.0	2784.0
18	187.6	386.6	787.6	1280.0	1904.0	2866.0
19	192.6	397.3	809.3	1315.0	1952.0	2943.0
20	197.6	407.6	830.0	1349.0	2007.0	3020.0
21	202.6	418.0	851.0	1382.0	2056.0	3094.0
22	207.3	427.6	870.6	1415.0	2105.0	3166.0
23	212.0	437.3	890.3	1450.0	2152.0	3238.0
24	216.6	446.6	909.6	1478.0	2198.0	3307.0
25	221.0	457.3	932.6	1509.0	2244.0	3370.0

Fall per Mile in Feet.	T. 9.9 Feet. B. 4.5 Feet. D. 3.6 Feet.	T. 11 Feet. B. 5 Feet. D. 4 Feet.	T. 13.2 Feet. B. 6.0 Feet. D. 4.8 Feet.	T. 16.4 Feet. B. 7.0 Feet. D. 5.6 Feet.	T. 17.6 Feet. B. 8.0 Feet. D. 6.4 Feet.	T. 19.8 Feet. B. 9.0 Feet. D. 7.2 Feet.
	Section 25.92 Sq. Feet.	Section 32 Sq. Feet.	Section 46.09 Sq. Feet.	Section 62.72 Sq. Feet.	Section 81.92 Sq. Feet.	Section 103.68 Sq. Feet.
4	1870.0	2503.0	3903.0	6430.0	9223.0	12613.0
5	2090.0	2763.0	4363.0	7190.0	10310.0	14103.0
6	2290.0	3026.0	4780.0	7876.0	11293.0	15450.0
7	2473.0	3270.0	5160.0	8510.0	12200.0	16683.0
8	2651.0	3493.0	5516.0	9096.0	13040.0	17836.0
9	2808.0	3703.0	5853.0	9650.0	13830.0	18920.0
10	2956.0	3903.0	6170.0	10166.0	14580.0	19940.0
11	3106.0	4096.0	6470.0	10663.0	15290.0	20440.0
12	3238.0	4280.0	6760.0	11133.0	15970.0	21846.0
13	3371.0	4453.0	7036.0	11593.0	16623.0	22736.0
14	3498.0	4623.0	7300.0	12030.0	17250.0	23593.0
15	3621.0	4783.0	7555.0	12453.0	17856.0	24426.0
16	3740.0	4933.0	7803.0	12863.0	18443.0	25223.0
17	3855.0	5080.0	8043.0	13260.0	19010.0	26003.0
18	3966.0	5240.0	8276.0	13643.0	19563.0	26756.0
19	4074.0	5383.0	8503.0	14016.0	20050.0	27493.0
20	4181.0	5523.0	8723.0	14380.0	20616.0	28203.0
21	4285.0	5660.0	8940.0	14733.0	21130.0	28900.0
22	4385.0	5793.0	9150.0	15083.0	21626.0	29580.0
23	4484.0	5923.0	9356.0	15430.0	22113.0	30246.0
24	4580.0	6050.0	9556.0	15753.0	22590.0	30896.0
25	4675.0	6176.0	9866.0	16076.0	23053.0	31533.0

T.—Top.

B.—Bottom.

D.—Depth.

NOTE.—To obtain the number of cubic feet instead of miners' inches, multiply the above by one and one-half. This is on the assumption that one miners' inch equals one and one-half cubic feet.