

Table A8-13. Free-flow discharge through 10-ft Parshall measuring flume
in ft³/sec. Computed from the formula $Q=39.38h_a^{1.6}$.

Upper Head h_a , ft	Hundredths									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.10	0.99	1.15	1.32	1.51	1.69	1.89	2.10	2.31	2.53	2.76
.20	3.00	3.24	3.49	3.75	4.01	4.29	4.56	4.85	5.14	5.43
.30	5.74	6.05	6.36	6.68	7.01	7.34	7.68	8.02	8.37	8.73
.40	9.09	9.46	9.83	10.2	10.6	11.0	11.4	11.8	12.2	12.6
.50	13.0	13.4	13.8	14.3	14.7	15.1	15.6	16.0	16.5	16.9
.60	17.4	17.9	18.3	18.8	19.3	19.8	20.3	20.7	21.2	21.7
.70	22.3	22.8	23.3	23.8	24.3	24.9	25.4	25.9	26.5	27.0
.80	27.6	28.1	28.7	29.2	29.8	30.4	30.9	31.5	32.1	32.7
.90	33.3	33.9	34.5	35.1	35.7	36.3	36.9	37.5	38.1	38.8
1.00	39.4	40.0	40.6	41.3	41.9	42.6	43.2	43.9	44.5	45.2
1.10	45.9	46.5	47.2	47.9	48.6	49.2	49.9	50.6	51.3	52.0
1.20	52.7	53.4	54.1	54.8	55.6	56.3	57.0	57.7	58.5	59.2
1.30	59.9	60.7	61.4	62.1	62.9	63.7	64.4	65.2	65.9	66.7
1.40	67.5	68.2	69.0	69.8	70.6	71.4	72.2	72.9	73.7	74.5
1.50	75.3	76.1	77.0	77.8	78.6	79.4	80.2	81.0	81.9	82.7
1.60	83.5	84.4	85.2	86.1	86.9	87.8	88.6	89.5	90.3	91.2
1.70	92.0	92.9	93.8	94.7	95.5	96.4	97.3	98.2	99.1	100.
1.80	101.	102.	103.	104.	104.	105.	106.	107.	108.	109.
1.90	110.	111.	112.	113.	114.	115.	116.	117.	117.	118.
2.00	119.	120.	121.	122.	123.	124.	125.	126.	127.	128.
2.10	129.	130.	131.	132.	133.	134.	135.	136.	137.	138.
2.20	139.	140.	141.	142.	143.	144.	145.	146.	147.	148.
2.30	149.	150.	151.	152.	153.	155.	156.	157.	158.	159.
2.40	160.	161.	162.	163.	164.	165.	166.	167.	168.	170.
2.50	171.	172.	173.	174.	175.	176.	177.	178.	179.	181.
2.60	182.	183.	184.	185.	186.	187.	188.	190.	191.	192.
2.70	193.	194.	195.	196.	198.	199.	200.	201.	202.	203.
2.80	205.	206.	207.	208.	209.	210.	212.	213.	214.	215.
2.90	216.	218.	219.	220.	221.	222.	224.	225.	226.	227.
3.00	228.	230.	231.	232.	233.	235.	236.	237.	238.	239.
3.10	241.	242.	243.	244.	246.	247.	248.	249.	251.	252.
3.20	253.	254.	256.	257.	258.	260.	261.	262.	263.	265.
3.30	266.	267.	269.	270.	271.	272.	274.	275.	276.	278.
3.40	279.	280.	282.	283.	284.	286.	287.	288.	290.	291.
3.50	292.	294.	295.	296.	298.	299.	300.	302.	303.	304.
3.60	306.	307.	308.	310.	311.	313.	314.	315.	317.	318.
3.70	319.	321.	322.	324.	325.	326.	328.	329.	331.	332.
3.80	333.	335.	336.	338.	339.	340.	342.	343.	345.	346.
3.90	348.	349.	350.	352.	353.	355.	356.	358.	359.	360.
4.00	362.	363.	365.	366.	368.	369.	371.	372.	374.	375.
4.10	376.	378.	379.	381.	382.	384.	385.	387.	388.	390.
4.20	391.	393.	394.	396.	397.	399.	400.	402.	403.	405.
4.30	406.	408.	409.	411.	412.	414.	415.	417.	418.	420.
4.40	422.	423.	425.	426.	428.	429.	431.	432.	434.	435.
4.50	437.	438.	440.	442.	443.	445.	446.	448.	449.	451.
4.60	453.	454.	456.	457.	459.	460.	462.	464.	465.	467.
4.70	468.	470.	472.	473.	475.	476.	478.	480.	481.	483.
4.80	484.	486.	488.	489.	491.	493.	494.	496.	497.	499.
4.90	501.	502.	504.	506.	507.	509.	511.	512.	514.	516.
5.00	517.	519.	520.	522.	524.	525.	527.	529.	530.	532.