

Water Measure Tables

Weight of Water

- Cubic Feet of Water = 62.428 pounds
- Gallon = 8.345 pounds
- 1 ounce of water = 28.35 grams
- Liter = 2.205 pounds
1,000 grams
- Cubic Meter = 2204.5 pounds
- 1 ppn = 1 lb per million lbs
- 1 ppm = 8.34 lbs per million gallons of water
- 1 ppn = 1 milligram per liter of water

Water Volume Equivalents

- 1 quart = 2 pints (pt)
.946 ml
- 1 gallon = 4 quarts (qt)
3.785 liters (l)
3.785 liters
231 cubic inches
- 1 liter = 1000 milliliters (ml)
.2642 gallons (gal)
61 cubic inches
- 1 quart = 946 ml
- 1 Cubic Foot = 1728 cubic inches
7.48 gallons
28.317 liters
- 1 Cubic Yard = 202 gallons
- 1 Cubic Meter = 1000 liters
264.2 gallons

Pressure (height x .434 lbs)

- 100 psi = 7.03 kg/cm²
= 6.9 bars
= 689 kPa
- 1 bar = 100 kPa
= 14.5 psi
- 1 gpm = 378 liters/mm
- 10 cfm = 283 liters/mm

Well Casing Volume per Foot of Depth

Diameter Of casing Or hole (in.)	Gallons Per foot Of Depth	Diameter Of casing Or hole (in.)	Gallons Per foot Of Depth
1	0.041	11	4.937
1.5	0.092	12	5.875
2	0.163	14	8.000
2.5	0.255	16	10.44
3	0.367	18	13.22
4	0.653	20	16.32
4.5	0.826	22	19.75
5	1.020	24	23.50
5.5	1.234	26	27.58
6	1.469	28	32.00
7	2.000	30	36.72
8	2.611	32	41.78
9	3.305	34	47.16
10	4.080	36	52.88

Volume of Annulus (Cubic Feet / Linear Feet)

Gal. per Linear Feet	Hole Dia. (in.)	CASING DIAMETER (in.)														
		2	4	6	8	10	12	14	16	20	24	30				
0.16	2															
0.65	4	0.07	0.00													
1.02	5	0.11	0.05													
1.47	6	0.17	0.11	0.00												
2.00	7	0.25	0.18	0.07												
2.61	8	0.33	0.26	0.15	0.00											
3.30	9	0.42	0.35	0.25	0.09											
4.08	10	0.52	0.46	0.35	0.20	0.00										
5.87	12	0.76	0.70	0.59	0.44	0.24	0.00									
8.00	14	1.05	0.98	0.87	0.72	0.52	0.28	0.00								
10.44	16	1.37	1.31	1.20	1.05	0.85	0.61	0.33	0.00							
13.22	18	1.75	1.68	1.57	1.42	1.22	0.98	0.70	0.37							
16.32	20	2.16	2.09	1.99	1.83	1.64	1.40	1.11	0.79	0.00						
23.49	24	3.12	3.05	2.95	2.79	2.60	2.36	2.07	1.75	0.96	0.00					
36.73	30	4.89	4.82	4.71	4.56	4.36	4.12	3.84	3.51	2.73	1.77	0.00				
52.88	36	7.05	6.98	6.87	6.72	6.52	6.28	6.00	5.67	4.89	3.93	2.16				