

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 (1)
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

WELL CASING VOLUME PER FOOT OF DEPTH

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

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

REFERENCE PAGES

VOLUME OF ANNULUS

(Cubic Feet/Linear Feet)

Gallons Per Linear Feet	Hole Dia. (inches)	Casing Diameter (inches)											
		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	