

TECHNICAL RESOURCES

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CONVERSIONS

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	ENGLISH UNITS	METRIC UNITS
AREA	1 acre = 43560 ft ² 1 mile ² = 640 acres	1 in ² = 645.2 mm ² 1 ft ² = 0.0929 m ²
FLOW RATE	1 cfs = 448.43 gpm = 0.65 mgd 1000 gpm = 2.23 cfs 1 mgd = 1.55 cfs	1 cfs = 0.0283 m ³ /s = 28.3 ℓ/s 1000 gpm = 0.0631 m ³ /s = 63.1 ℓ/s 1 mgd = 0.0438 m ³ /s = 43.8 ℓ/s
LENGTH	1 ft = 12 in 1 yd = 3 ft 1 mile = 5280 ft	1 in = 25.4 mm = 2.54 cm 1 ft = 0.3048 m = 30.48 cm 1 yd = 0.9144 m = 91.44 cm 1 mi = 1.609 km = 1609 m
PRESSURE	1 psi = 0.0069 psf 1 psf = 144.93 psi	1 psi = 6,895 N/m ² 1 psf = 47.88 N/m ²
VELOCITY	1 fps = 0.68 mph 1 mph = 1.47 fps	1 fps = 0.3048 m/s 1 mph = 1.609 km/hr
VOLUME	1 ft ³ = 1728 in ³ 1 yd ³ = 27 ft ³ 1 ac-ft = 43560 ft ³ 1 ft ³ = 7.48 gal 1 gal = 0.1337 ft ³	1 ft ³ = 0.0283 m ³ 1 yd ³ = 0.7646 m ³ 1 gal = 3.785 ℓ = 0.0038 m ³ 1 in ³ = 16.387 cm ³

