

Water Measurements

1 acre-foot covers one acre (209'x 209') of land one foot deep and supplies a family of 5 for one year, on average. Average use per person per day in US = 180 Gallons.

1 cubic foot.....7.48 gallons62.31 lbs of water

1 acre-foot.....43,560 cubic feet325,851 gallons

1 cubic foot per second (cfs).....448.80 gallons per minute (gpm)

1 cfs.....646,272 gallons per day (gpd) or 1.98 acre-feet

1 million gallons3.07 acre-feet

17 gpm24,480 gpd27.42 acre-feet per year