

evaporation (E) (in./ day, in./wk, mm/ wk, mm/ month)

Water movement from a wet soil or plant surface which does not pass through the plant.

see transpiration

evapotranspiration (ET) (in./day, in./wk, mm/wk, mm/day)

Combination of water transpired from vegetation and evaporated from the soil and plant surfaces.

crop evapotranspiration (ET_c)

The evapotranspiration from disease-free, well-fertilized crops, grown in large fields, under optimum soil water conditions, and achieving full production under the given climatic conditions.

also known as plant water requirement.

potential (ET_p, E_{tp})

Rate at which water, if available, would be removed from soil and plant surfaces.

reference (ET_r)

Upper limit or maximum evapotranspiration that occurs under given climate conditions with a field having a well-watered agricultural crop with an aerodynamically rough surface, such as alfalfa with 50 cm. of top growth.