Rainfall Runoff Processes

Hydraulic conductivity is determined in a Darcy experiment conducted using water at 20 $^{\circ}$C to be 25 cm/hr. The viscosity of water at 20 $^{\circ}$C is 1.05 x 10^{-3} N s m^{-2}. Using g=9.81 m/s^{2} and ρ_w=1000 kg/m^3 calculate the intrinsic permeability of this material. (Use the format: ###.##E-## to type in scientific numbers, e.g. 3.2 x 10^{-5}= 3.2E-5)

7.43E-8

Save Answer ->

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