



Rainfall Runoff Processes

Field and oven-dry weights of soil samples taken with a 10 cm long by 5 cm diameter cylindrical tube are given in the accompanying table. Assuming $\rho_m = 2650 \text{ kg/m}^3 = 2.65 \text{ g/cm}^3$, calculate the volumetric soil moisture content, degree of saturation, bulk density and porosity of those soils.

Field mass	g	422.6
Oven dry mass	g	388.6
Bulk Density	g/cm³	<input type="text" value="1.98"/>
Porosity		<input type="text" value="0.253"/>
Volumetric water content		<input type="text" value="0.173"/>
Degree of saturation		<input type="text" value="0.684"/>

Save Answer ->

<- 4 5 6 7 8 9 10 11 12 13 ->

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