



Rainfall Runoff Processes

Consider the following soil with parameters from Table 1. Evaluate the field capacity moisture content, θ_{fc} , at which pressure head is -340 cm, permanent wilting point moisture content, θ_{pwp} , at which the pressure head is -15000 cm and plant available water, θ_a , using the Clapp and Hornberger (1978) soil moisture characteristic parameterization.

Texture	Porosity n	$ \Psi_a $ (cm)	b	θ_{fc}	θ_{pwp}	θ_a
sand	0.395	12.1	4.05	0.173	0.068	0.105

Save Answer ->

<- 7 8 9 10 11 12 13 14 15 16 ->

[Back to Workbook Sections](#)



(...) >> Soil Resources >> Section 4 Quiz



National Weather Service COMET Outreach Program

Karun Joseph Logged In 10/11/2016

© 2003 Utah State University

[\[User Preferences\]](#) [\[Log Out\]](#)