



## Rainfall Runoff Processes

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

Texture	Porosity n	$ \psi_a (\text{cm})$	b	$\theta_{fc}$	$\theta_{pwp}$	$\theta_a$
loamy sand	0.41	9	4.38	0.179	0.075	0.104

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

[Back to Workbook Sections](#)



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



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