

Version 2.0. January 27, 2011.

Comments and corrections made are described below. The corrected version of the manual has “Version2.0” in the title.
No changes in code were needed.

Comment 1. Prof. Jongjiu Dai, Land-Atmosphere Interaction Research Group School of Geography of Beijing Normal University, <http://globalchange.bnu.edu.cn>).

call Campbell()

hb=100*ps

could you tell me the unit? why times 100?

Response and action taken. Capmbell and Shiozawa (1992) model calculates ps in meters. In the Brooks-Corey model hb is [cm]. Therefore hb=100*ps.

Equation [9] in the Manual was corrected: $d_g = \exp(-0.80 - 0.0317silt - 0.0761clay)$ according to the recommendation (Capmbell and Shiozawa, 1992). The code was correct, thus no changes has been made. Corrected version of the manual has “Version2.0” in the title.

Comment 2. Prof. Jongjiu Dai, Land-Atmosphere Interaction Research Group School of Geography of Beijing Normal University, <http://globalchange.bnu.edu.cn>).

the PTFG.for/subroutine MAYR, should be natural log,

a=10**(), NOT a=exp()

b=10**(), NOT b=exp()

Response and action taken. Corrected version of the manual has “Version2.0” in the title.

Version 3.0. July 03, 2012.

Comment 3. Dr. Nitin Patil, National Bureau of Soil Survey and Land Use Planning, Amravati Road, Shankarnagar P. O.Nagpur, Maharashtra, India

I have copy-pasted equation 14 and 25 from CalcPTF, highlighting the part that needs correction. Can you please do the needful? I searched for references on the web but could not find the equation in original. With regards

-Patil N G , Sr Scientist

$$A=1.839+0.257 \cdot \ln(\text{clay})+0.381 \cdot 2-0.0001 \cdot \text{sand}^2 \quad [14]$$

$$\theta_s = 0.2345971971+0.0046614221 \cdot \text{sand}+0.0088163314 \cdot \text{silt}+0.0064338641 \cdot \text{clay}-0.3028160229 \cdot \rho_b +1.79762 \cdot 10^2 \cdot \text{sand}^2-3.134631 \cdot 10^2 \cdot \text{silt}^2 \quad [25]$$

Response and action taken. Manual corrected, the corrected version has “Version 3.0” in the title.