

TM5-MP - Feature #440

Assumption in calculation of friction velocity over land

01/28/2016 12:34 PM - Twan van Noije

Status:	New	Start date:	01/28/2016
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
The calculation of friction velocities over land neglects the contribution from the free convection velocity scale (w^*) and the stability profile functions (Ψ_M). It is unclear why u^* isn't calculated directly from the surface momentum stress, as is done over sea. See IFS cy31r1 documentation for details.			

History

#1 - 01/28/2016 12:37 PM - Twan van Noije

- Subject changed from Calculation of friction velocity to Assumption in calculation of friction velocity over land

#2 - 07/03/2018 12:35 PM - Philippe Le Sager

- Project changed from TM5-ZOOM to TM5-MP

- Category deleted (Dynamics)

#3 - 07/03/2018 12:51 PM - Twan van Noije

- Priority changed from Normal to Low