

We thank the reviewers and the editor for their positive response to the major revision of this paper, and in this final revision have addressed the technical corrections suggested.

Specific Comments:

Page 2, Line 8: Maybe better write: '...and groundwater tables.'?

*Corrected*

Page 2, Line 11: '...and THIS GENERAL difference increases EVEN MORE with INCREASING catchment wetness.'

*Corrected*

Page 9, Line 31: You could call this 'the variable storage'.

*Corrected*

Page 10, Line 23: What does '...using eight and two series respectively.' mean?

*We changed the wording to remove this reference to the number of series and instead clarify that the averaging was done by aspect, depth and distance from stream.*

Page 14, Line 40: I think you mix up 'convex' and 'concave'.

Page 15, Line 10: See last comment: 'convex'.

Figure 12: Switch 'convex' and 'concave'.

*We are using the words convex/concave to describe soil moisture series as functions of time, and they are used correctly in this context (which is different to the common usage for convex shapes). We clarified in the text that we refer to convex functions.*

Technical Corrections:

Page 3, Line 30: Better no comma after 'emergent'?

Page 5, Line 4: 'Gascuel-Odoux', also in Table 1 and in the references section.

Page 6, Line 42: '...regimeS...'

*All have been corrected*