

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*