The linear recession constant $k_{res}$ is one of four parameters in their Budyko framework. Lower and upper limits for parameter $k_{res}$ are set by authors in Table 2 to be 0.05/d and 0.9/d, respectively.

Among 16 study catchments in Table C-1, three of whom reach the lower limit of 0.05/d: B-5, B-7 and P-1, but none the upper limit. (In Table C-1, $K_{res}$ to read $k_{res}$.)

Since one or more of these three catchments may have a lower $k_{res}$ value than 0.05/d, I suggest the lower limit be lowered by one order of magnitude to 0.005/d.