

Statistical criteria/setup		Simple					Intermediate			Complex
		TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	TB9
Calibration period: based on 10 000 Monte Carlo parameter sets										
Number of “good” parameter sets (%) for streamflow		1254	1917	1510	1753	1722	2194	2144	2258	2180
Number of “good” parameter sets (%) for both streamflow and saturated areas		76	99	88	60	61	64	61	59	66
NSE	Max	0.68	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
	Mean	0.26	0.30	-0.08	0.30	0.30	0.34	0.33	0.34	0.33
NSElog	Max	0.80	0.80	0.80	0.82	0.82	0.82	0.82	0.82	0.82
	Mean	0.55	0.55	0.37	0.58	0.57	0.56	0.56	0.55	0.56
KGE	Max	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
	Mean	0.59	0.59	0.51	0.59	0.59	0.59	0.59	0.59	0.59
Validation period: based on “good” parameter sets from calibration										
NSE	Max	0.65	0.66	0.65	0.66	0.66	0.66	0.66	0.66	0.66
	Mean	0.60	0.61	0.60	0.60	0.60	0.62	0.62	0.62	0.62
NSElog	Max	0.79	0.80	0.79	0.81	0.81	0.82	0.82	0.82	0.82
	Mean	0.70	0.70	0.57	0.71	0.71	0.69	0.69	0.68	0.68
KGE	Max	0.77	0.78	0.78	0.79	0.79	0.78	0.78	0.78	0.79
	Mean	0.72	0.71	0.72	0.72	0.72	0.71	0.70	0.70	0.70