

Duration	Indicator	March	April	May	June	July	August	September	October
120 days	Thinness	25 % ★	24 % ★	8 % ★	17 % ★	19 % ★	17 % ★	2 % ♦	21 % ★
	Accuracy	0.35	0.73 ★	0.38	0.54 ♦	0.69 ★	0.48	-0.11	0.38
120 days	Thinness	25 % ★	24 % ★	8 % ★	17 % ★	19 % ★	17 % ★	2 % ♦	21 % ★
	Accuracy*	0.39	0.87 ★	0.83 ★	0.74 ★	0.68 ★	0.48	-0.06	0.47
90 days	Thinness	27 % ★	41 % ★	9 % ★	21 % ★	21 % ★	-7 %	0 % ♦	18 % ★
	Accuracy	0.39	0.79 ★	0.49	0.52 ♦	0.50 ♦	0.49	-0.10	0.43
90 days	Thinness	27 % ★	41 % ★	9 % ★	21 % ★	21 % ★	-7 %	0 % ♦	18 % ★
	Accuracy*	0.39	0.82 ★	0.88 ★	0.77 ★	0.45	0.45	-0.01	0.53 ♦
30 days	Thinness	35 % ★	66 % ★	34 % ★	31 % ★	17 % ★	3 % ♦	-15 %	-2 % ♦
	Accuracy	0.54 ♦	0.92 ★	0.60 ★	0.74 ★	0.50 ♦	0.46	-0.01	0.45

Table S1. Indicators for the Arve River for the different horizons. ★ indicates good scores, ♦ average scores, and the rest are non-relevant scores. The * indicates the corrected indicators for scenarios excluding the forecast of 2007.

Duration	Indicator	March	April	May	June	July	August	September	October
120 days	Thinness	7 % ★	30 % ★	18 % ★	44 % ★	33 % ★	-24 %	-99 %	-58 %
	Accuracy	0.40	0.76 ★	0.73 ★	0.63 ★	0.61 ★	0.55 ♦	-0.35	0.03
120 days*	Thinness	15 % ★	36 % ★	24 % ★	47 % ★	37 % ★	-14 %	-84 %	-45 %
	Accuracy	0.40	0.76 ★	0.73 ★	0.63 ★	0.61 ★	0.55 ♦	-0.35	0.03
90 days	Thinness	9 % ★	32 % ★	3 % ♦	45 % ★	39 % ★	2 % ♦	-114 %	-51 %
	Accuracy	0.41	0.73 ★	0.72 ★	0.65 ★	0.62 ★	0.32	-0.22	0.27
90 days*	Thinness	15 % ★	40 % ★	12 % ★	48 % ★	41 % ★	9 % ★	-90 %	-38 %
	Accuracy	0.41	0.73 ★	0.72 ★	0.65 ★	0.62 ★	0.32	-0.22	0.27
30 days	Thinness	-6%	-33 %	31 % ★	0 % ♦	23 % ★	38 % ★	-31 %	-19 %
	Accuracy	0.28	0.56 ♦	0.70 ★	0.65 ★	0.60 ★	0.28	-0.35	0.27
30 days*	Thinness	-25 %	-20 %	41 % ★	11 % ★	25 % ★	39 % ★	-24 %	2 % ♦
	Accuracy	0.28	0.56 ♦	0.70 ★	0.65 ★	0.60 ★	0.28	-0.35	0.27

Table S2. Indicators for the Rhone River for the different horizons. ★ indicates good scores, ♦ average scores, and the rest are non-relevant scores. * indicates the corrected volumes for the different lead times.