

Catchment name	Quick-flow index QFI (–)	Coefficient of variation of $Q$ (%)	Average discharge $\overline{Q}$ (mm month <sup>-1</sup> )	Average precipitation $\overline{P}$ (mm month <sup>-1</sup> )	Average precip. intensity (mm day <sup>-1</sup> )	Precipitation amplitude $A_{\text{precip}}$ (mm month <sup>-1</sup> )	Median flow path length $L$ (m)	Median flow path gradient $G$ (m m <sup>-1</sup> )	$L/G$ (m)	Drainage density, DD (km km <sup>-2</sup> )	Mean topographic gradient (%)	Median topographic wetness index TWI (–)	Fraction forested area (%)	Fraction low-permeab. soils (%)	Fraction saturated soils (%)
Aabach	0.62	126.39	54.9	106.1	5.4	0.4	407	0.04	10 175	1.97	5.5	9.22	14.8	0	17
Aach	0.63	137.20	33.3	85.1	4.8	0.4	481	0.02	24 050	1.46	2.1	9.61	14.3	0	13
Allenbach	0.40	100.77	109.3	99.4	4.7	1.0	423	0.31	1365	2.45	45.1	9.67	15.9	57	20
Alp	0.66	138.90	126.3	158.2	6.3	0.6	196	0.21	933	3.88	25.7	10.92	50.6	48	23
Biber	0.72	149.36	96.2	150.2	5.8	0.5	207	0.16	1294	3.77	18.2	9.48	43.2	30	15
Dischmabach	0.31	85.61	99.5	76.4	3.8	1.3	647	0.33	1961	1.74	46.1	10.07	2.8	59	0
Emme	0.72	142.06	88.7	116.6	4.8	0.6	286	0.27	1059	3.38	33.1	9.76	38.8	49	27
Ergolz	0.59	118.42	39.5	87.7	4.1	0.2	421	0.15	2807	1.34	19.5	9.99	39.9	41	1
Erlenbach	0.81	169.73	138.9	162.4	6.6	0.8	169	0.20	845	6.61	23.9	9.27	62.3	4	95
Guerbe	0.49	90.33	100.3	94.9	4.3	0.5	258	0.19	1358	2.59	27.6	11.67	30.6	35	13
Ilfis	0.53	113.61	79.2	127.5	5.2	0.5	157	0.30	523	3.31	28.6	8.87	50.0	28	6
Langeten	0.30	61.72	53.9	118.2	4.7	0.3	308	0.11	2800	1.70	12.6	9.52	18.4	0	3
Lümpenenbach	0.68	141.41	152.0	157.1	6.0	0.7	155	0.17	912	6.57	19.6	9.85	29.3	4	96
Mentue	0.52	154.74	29.7	89.3	3.9	0.2	364	0.08	4550	1.47	8.9	9.10	23.0	0	0
Murg	0.52	97.33	62.8	116.6	5.1	0.3	219	0.10	2190	2.16	12.0	10.83	32.0	0	8
Ova da Cluozza	0.39	88.68	72.8	61.3	3.5	1.2	616	0.46	1339	0.72	59.3	9.43	13.8	34	0
Riale di Calneggia	0.52	154.05	143.7	129.3	6.4	1.1	647	0.46	1407	1.03	64.4	9.51	15.3	44	0
Rietholzbach	0.69	140.73	87.2	121.1	5.6	0.4	194	0.18	1078	2.09	14.6	9.88	22.3	0	0
Schaechen	0.40	86.35	120.3	140.0	5.9	0.9	646	0.38	1700	1.36	54.3	9.38	19.2	67	5
Sense	0.53	101.76	54.2	95.2	4.3	0.5	227	0.20	1135	2.84	24.1	9.00	32.9	24	19
Sitter	0.62	120.79	94.2	168.7	6.4	0.6	329	0.27	1219	2.65	35.2	9.96	30.8	61	14
Vogelbach	0.70	162.67	117.3	162.2	6.3	0.8	193	0.28	689	6.55	28.9	9.69	82.1	51	49