

Kennwerte Ereignisse Pegel Eschenau

ID	Jahr	M	N-S	Nmax	N D	N M	Q max	HQ	QB	Qplus	ED	TL	Nges	Qdirekt	ψ	Wetter	VN30	VN21
1	1996	2	19.82	2.96	24	0.83	44.90		12.4	32.5	84	11	35.01	6.49	19%	29	23.12	21.77
2	1996	6	14.57	3.39	18	0.81	3.94		1.92	2.02	45	8	14.57	0.23	2%	34	2.82	0.56
3	1996	7	18.97	5.05	18	1.05	4.81		1.67	3.14	90	6	18.97	0.43	2%	24	6.73	1.12
4	1996	11	59.17	5.50	48	1.23	41.00		4.81	36.19	157	14	65.55	10.36	16%	29	33.44	24.45
5	1996	11	46.49	2.73	64	0.73	48.10		4.17	43.93	161	-1	47.85	12.14	25%	28	49.23	33.81
6	1997	2	40.44	2.97	46	0.88	62.40		4.81	57.59	167	8	50.71	21.61	43%	40	7.29	6.12
7	1997	2	44.59	2.62	55	0.81	88.30	1	7.75	80.55	156	18	51.35	22.31	43%	39	26.27	23.54
8	1997	12	27.55	4.04	28	0.98	47.70		6.25	41.45	115	-1	36.08	10.34	29%	26	25.94	21.71
9	1997	12	11.38	1.99	18	0.63	23.70		13.5	10.2	80	7		0.00		9	41.50	35.31
10	1998	1	18.2	2.23	42	0.43	21.70		7.25	14.45	160	11	22.78	6.16	27%	9	30.64	23.98
11	1998	1	14.35	5.10	26	0.55	30.70		15.3	15.4	68	10		0.00		14	39.16	33.93
12	1998	1	28.63	3.64	28	1.02	47.70		8.77	38.93	111	9	29.19	9.43	32%	9	24.35	19.87
13	1998	3	30.69	2.14	60	0.51	30.70		6.25	24.45	167	17	32.11	8.24	26%	29	16.15	15.30
14	1998	4	23.55	1.75	44	0.54	26.70		8.77	17.93	100	15	29.69	5.61	19%	39	30.76	26.19
15	1998	4	25.58	4.02	64	0.40	22.00		6.25	15.75	164	8	26.85	5.15	19%	28	25.91	14.67
16	1998	10	45.76	5.16	39	1.17	39.80		2.46	37.34	165	9	60.46	11.42	19%	10	16.87	7.63
17	1998	10	59.47	6.34	39	1.52	137.00	9	22.3	114.7	97	15	69.70	28.84	41%	39	63.69	49.04
18	1998	11	35.3	3.54	27	1.31	110.00	3	36.5	73.5	58	13				14	99.57	75.07
19	1999	3	32.03	1.71	68	0.47	31.80		7.43	24.37	223	7	27.43	10.77	39%	9	22.28	18.07
20	1999	3	23.69	1.93	73	0.32	22.50		10.7	11.8	133	13	54.14	10.16	19%	31	32.80	28.40
21	1999	4	20.78	5.83	17	1.22	26.10		5.63	20.47	133	8	24.68	6.28	25%	28	18.57	12.95
22	1999	4	23.11	3.62	31	0.75	23.40		5.78	17.62	172	12	15.00	3.63	24%	34	20.86	16.00
23	1999	12	40.95	3.75	34	1.20	61.70		6.25	55.45	145	15	20.97	6.41	31%	29	18.88	15.55
24	1999	12	17.37	3.75	13	1.34	67.50		39.3	28.2	31	7				15	59.81	54.84
25	1999	12	15.6	5.03	11	1.42	96.50	2	64.9	31.6	30	9				39	65.06	55.39
26	2000	2	22.14	2.83	46	0.48	24.00		12.2	11.8	92	5	37.52	6.07	16%	34	27.65	26.09
27	2000	2	15.02	2.18	35	0.43	37.30		20.1	17.2	66	14	39.85	8.72	22%	29	39.17	36.91
28	2000	3	20.68	3.12	31	0.67	28.00		7.59	20.41	114	8	57.16	16.41	29%	40	26.08	22.81
29	2000	3	19.74	2.95	27	0.73	42.30		17.4	24.9	71	9	34.28	7.72	23%	30	34.78	30.22
30	2000	7	68.65	10.11	44	1.56	28.70		2.1	26.6	145	13	28.33	3.10	11%	39	39.59	25.19
31	2000	7	32.43	5.00	18	1.80	35.00		6.25	28.75	81	8	21.35	2.73	13%	39	41.75	17.99
32	2000	9	38.01	6.68	30	1.27	20.30		2.37	17.93	119	8	37.88	4.27	11%	36	22.25	10.46

ID	Jahr	M	N-S	Nmax	N D	N M	Q max	HQ	QB	Qplus	ED	TL	Nges	Qdirekt	ψ	Wetter	VN30	VN21
33	2000	10	53.26	3.68	76	0.70	61.70		3.94	57.76	217	-1	53.92	17.46	32%	39	23.07	10.60
34	2000	11	28.54	2.40	32	0.89	41.00		7.92	33.08	135	16	40.23	12.89	32%	29	29.34	20.27
35	2000	11	27.18	2.64	47	0.58	40.20		8.09	32.11	157	9	40.32	14.43	36%	9	32.76	21.31
36	2000	11	12.58	4.62	17	0.74	25.50		18.2	7.3	57	9				19	38.91	26.99
37	2000	12	15.54	2.25	31	0.50	25.20		7.59	17.61	136	10	63.36	13.70	22%	39	23.35	17.62
38	2000	12	28.44	2.65	57	0.50	47.70		7.92	39.78	178	9	33.20	12.92	39%	29	23.35	17.62
39	2001	1	44.08	2.95	69	0.64	97.80	2	10.3	87.5	211	11	25.25	12.55	50%	39	34.89	28.39
40	2001	1	34.08	2.40	69	0.49	53.90		5.07	48.83	180	7	42.31	20.25	48%	9	21.69	17.69
41	2001	2	30.94	2.43	59	0.52	55.70		7.59	48.11	210	7	41.23	20.64	50%	30	27.11	24.01
42	2001	3	31.49	4.64	52	0.61	38.90		9.32	29.58	169	7	41.42	13.83	33%	39	22.35	19.47
43	2001	3	18.05	1.51	33	0.55	61.70		31.8	29.9	68	-1				39	45.88	41.25
44	2001	3	46.51	5.17	50	0.93	116.00	4	15.5	100.5	150	10	41.89	20.95	50%	40	48.48	40.70
45	2001	11	33.15	3.91	43	0.77	26.10		2.01	24.09	104	8	68.68	8.85	13%	39	11.30	8.12
46	2001	12	22.99	1.78	44	0.52	28.70		11.3	17.4	104	15	14.60	2.60	18%	10	33.03	25.31
47	2001	12	23.31	2.27	45	0.52	29.00		4.17	24.83	124	-1	55.18	10.38	19%	40	31.49	27.13
48	2002	1	38.83	3.91	27	1.44	109.00	3	20.9	88.1	91	17	25.55	11.75	46%	10	23.43	21.71
49	2002	2	33.72	4.78	23	1.47	51.70		5.63	46.07	122	13	37.99	12.54	33%	9	26.16	25.76
50	2002	2	23.31	2.72	22	1.06	95.40	2	37.3	58.1	57	14				30	59.17	56.55
51	2002	2	48	8.14	43	1.12	113.00	4	9.51	103.49	119	11	22.62	10.21	45%	39	49.90	41.88
52	2002	2	31.94	2.93	50	0.64	113.00	4	27	86	103	-1	63.48	31.59	50%	19	79.91	71.98
53	2002	3	61.72	4.24	75	0.82	50.60		3.7	46.9	166	14	20.50	7.09	35%	9	17.03	8.67
54	2002	5	14.63	4.61	10	1.46	35.40		4.55	30.85	47	11	64.30	13.34	21%	36	26.79	17.09
55	2002	8	46.71	9.94	35	1.33	33.20		0.83	32.37	88	4	53.00	3.59	7%	28	38.67	26.61
56	2002	10	23.76	3.98	33	0.72	42.30		8.77	33.53	90	7	78.00	18.17	23%	29	49.18	35.32
57	2002	10	14	3.48	9	1.56	39.30		24.9	14.4	26	8				14	64.84	48.58
58	2002	11	32.25	2.62	36	0.90	35.40		4.81	30.59	124	11	107.70	24.03	22%	40	43.92	25.13
59	2002	11	26.89	4.95	19	1.42	50.60		16.2	34.4	77	7				15	51.13	32.63
60	2002	11	17.09	2.88	28	0.61	35.00		15.3	19.7	71	11				39	50.96	32.37
61	2002	12	21.12	3.59	19	1.11	39.80		5.35	34.45	71	11	58.40	16.15	28%	29	14.91	12.79
62	2002	12	21.13	2.28	29	0.73	52.20		12.9	39.3	108	19	117.10	58.53	50%	20	29.26	26.05
63	2003	1	43.23	4.58	33	1.31	159.00	22	26.7	132.3	109	13	38.70	21.30	55%	29	45.83	42.63
64	2003	2	19.28	1.77	31	0.62	32.50		6.91	25.59	117	-1	79.90	26.96	34%	5	21.01	19.98

ab hier: Nmax, N_D und N_M pro Tag!

ID	Jahr	M	N-S	Nmax	N D	N M	Q max	HQ	QB	Qplus	ED	TL	Nges	Qdirekt	ψ	Wetter	VN30	VN21
65	1967	12	49.1	39.40	2	24.55	122.00	5	4.61	117.39	151		64.30	34	52%		14.27	10.45
66	1970	2	46	15.90	4	11.50	96.50	2	6.5	90	211		53.00	35	66%		43.30	39.49
67	1977	2	70.6	25.10	4	17.65	106.00	3	14.4	91.6	168		78.00	32	41%		41.03	36.43
68	1978	5	56.6	86.30	2	28.30	86.30	1	7.37	78.93	142		45.70	25	42%		33.64	17.00
69	1978	2	104.7	35.80	5	20.94	92.22	1	8.24	83.98	180		107.70	34	32%		30.57	29.05
70	1983	4	67.4	29.70	4	16.85	105.00	3	11.5	93.5	229		97.40	43	44%	19	26.44	25.21
71	1983	5	55.5	26.20	3	18.50	86.30	1	7.75	78.55	203		76.30	31	40%	36	30.23	15.11
72	1993	1	45.9	32.80	3	15.30	120.00	5	3.51	116.49	187		58.40	30	52%	10	9.53	8.44
73	1993	12	80.5	48.80	2	40.25	197.00	100	27.4	169.6	164		117.10	51	43%	36	58.75	50.23
74	1994	1	37.4	19.80	2	18.70	84.40	1	41.9	42.5	79		38.70	12	30%	36	79.68	63.06
75	1995	1	63.5	41.60	2	31.75	153.50	17	14.2	139.3	143		79.90	36	45%	39	29.44	23.58
76	1995	1	49.9	37.40	2	24.95	147.00	13	41.3	105.7	79					39	74.54	69.21
77	1995	2	48.4	20.10	3	16.13	97.80	2	49.1	48.7	80					29	96.66	93.49

M	Monat
N	Niederschlagssumme bis Scheitelabfluss [mm]
Qmax	Scheitelabfluss [m³/s]
HQ	Hochwasser-Jährlichkeit
Nmax	maximale Niederschlagsintensität [mm/h bzw. mm/Tag]
N_D	Niederschlagsdauer [h bzw. Tag]
N_M	mittlerer Niederschlagsintensität [mm/h]
QB	Abfluss zu Ereignisbeginn [m³/s]
Q+	Differenz Qmax-QB [m³/s]
ED	Ereignisdauer [h]
TL	Verzögerungszeit [h]
Nges	Gesamtniederschlag [mm]
Qdirekt	Direktabfluss [mm]
ψ	Gesamtabflussbeiwert [%]
W	Wetterlage
VN30	Vorregenindex 30 Tage [mm]
VN21	Vorregenindex nach Zaiß (21 Tage) [mm]