

Abfluss



Marchbach - Oberwil

Stationsnummer: BL 4312

Einzugsgebiet: 27.00 km²

Höhe Station: 296.00 m ü. M.

Kanton Basel-Landschaft

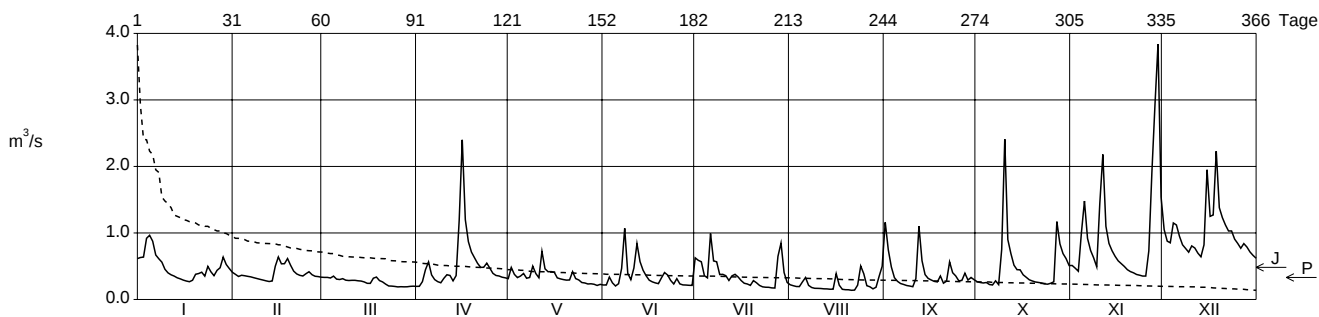
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 609 100 / 262 460

Mittlere Höhe: 462.00 m ü. M.

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	0.614 0.631 0.637 0.920 0.965+	0.409 0.378 0.346 0.364 0.357	0.335 0.332 0.332 0.323 0.351+	0.197 - 0.198 0.268 0.448 0.564	0.313 0.481 0.378 0.329 0.352	0.218 0.218 0.337 0.250 0.203 -	0.626 0.589 0.567 0.358 0.325	0.221 0.207 0.195 0.194 0.265	1.16 + 0.746 0.488 0.328 0.273	0.267 0.255 0.248 0.255 0.225	0.511 0.470 0.425 1.00 1.48	1.05 0.877 0.852 1.15 1.12	1 2 3 4 5
m ³ /s	0.876 0.669 0.612 0.561 0.454	0.348 0.340 0.327 0.315 0.303	0.306 0.300 0.313 0.290 0.285	0.369 0.299 0.268 0.251 0.318	0.391 0.319 0.331 0.501 0.390	0.237 0.468 1.07 + 0.394 0.298	0.992 + 0.579 0.567 0.375 0.378	0.330 0.212 0.180 0.168 0.167	0.240 0.226 0.210 0.202 0.192 -	0.218 - 0.280 0.224 0.754 2.41 +	0.919 0.737 0.626 0.492 1.44	0.950 0.822 0.767 0.711 0.805	6 7 8 9 10
+ Maximum	0.400 0.371 0.352 0.326 0.310	0.292 0.280 0.270 - 0.278 0.500	0.288 0.288 0.281 0.277 0.264	0.372 0.361 0.280 0.359 1.19	0.327 0.723 + 0.461 0.417 0.419	0.473 0.840 0.569 0.439 0.356	0.357 0.286 0.355 0.378 0.339	0.165 0.160 0.159 0.154 0.155	0.314 1.10 0.583 0.374 0.317	0.900 0.690 0.516 0.448 0.446	2.18 1.10 0.842 0.733 0.649	0.774 0.697 0.642 0.821 1.95	11 12 13 14 15
- Minimum	0.291 0.277 0.267 - 0.289 0.379	0.639 + 0.536 0.538 0.615 0.514	0.243 0.242 0.320 0.337 0.284	2.40 + 1.20 0.869 0.713 0.627	0.411 0.325 0.310 0.299 0.291	0.290 0.265 0.249 0.238 0.326	0.284 0.244 0.233 0.212 0.284	0.388 0.215 0.153 0.147 0.146	0.293 0.272 0.264 0.353 0.245	0.371 0.334 0.296 0.278 0.263	0.581 0.539 0.497 0.448 0.401	1.25 1.27 2.23 + 1.38 1.23	16 17 18 19 20
	0.390 0.410 0.351 0.497 0.416	0.426 0.384 0.363 0.353 0.387	0.264 0.231 0.203 0.201 0.196	0.543 0.483 0.484 0.546 0.471	0.293 0.418 0.314 0.294 0.255	0.405 0.368 0.286 0.233 0.313	0.251 0.211 0.190 0.184 0.183	0.138 - 0.141 0.216 0.503 + 0.387	0.275 0.565 0.402 0.354 0.281	0.256 0.248 0.234 0.230 0.244	0.419 0.376 0.365 0.352 - 0.352 -	1.12 1.03 1.03 0.907 0.843	21 22 23 24 25
Monatsmittel	0.489	0.391	0.266	0.528	0.346	0.348	0.382	0.224 -	0.388	0.483	0.963	0.989 +	m ³ /s
Maximum (Spitze)	2.76 05.	0.784 16.	0.649 - 18.	3.22 16.	2.29 12.	3.01 08.	7.60 + 28.	1.89 31.	3.15 12.	6.51 10.	5.67 29.	3.43 18.	m ³ /s Datum
Jahresmittel	0.483 m ³ /s												

— Ganglinie der Tagesmittel - - - - Dauerlinie der Tagesmittel (erreicht oder überschritten) ← J Jahresmittel (2012) ← P Periodenmittel (1980 - 2012)



Periode	1980 – 2012 (33 Jahre)												
Monatsmittel	0.388	0.368	0.396	0.401	0.396	0.312	0.251	0.224-	0.225	0.283	0.311	0.421+	m ³ /s
Maximum (Spitze)	4.57 - 1981	9.94 1999	8.73 2006	8.89 2006	17.1 + 1994	13.0 1995	10.7 1997	16.5 2007	8.41 1987	6.51 2012	7.78 1995	5.87 1995	m ³ /s Jahr
Minimum (Momentanwert)	0.068 2004	0.102 2008	0.114+ 2003	0.094 2003	0.077 2004	0.060 2003	0.048- 2003	0.051 2003	0.050 2004	0.055 2003	0.062 2009	0.074 2003	m ³ /s Jahr

Grösstes Jahresmittel 0.484 (2006) m³/s Periodenmittel 0.331 m³/s Kleinstes Jahresmittel 0.207 (1989) m³/s

Dauer der Tagesmittelwerte des Abflusses (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2012	3.84	2.41	2.18	1.54	1.17	0.900	0.746	0.637	0.564	0.477	0.410	0.375	m ³ /s
1980 - 2012	2.67	1.68	1.25	1.06	0.805	0.610	0.492	0.422	0.371	0.326	0.291	0.264	m ³ /s
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2012	0.353	0.331	0.310	0.286	0.265	0.245	0.226	0.207	0.189	0.165	0.153	0.141	m ³ /s
1980 - 2012	0.242	0.221	0.205	0.189	0.172	0.159	0.146	0.132	0.118	0.110	0.102	0.084	m ³ /s

Wasserstand



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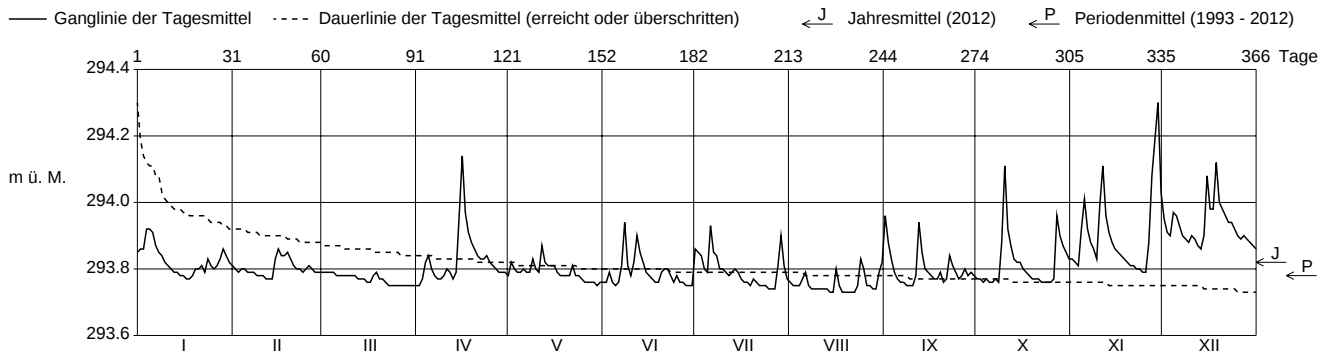
Tiefbauamt, Geschäftsbereich Wasserbau

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2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1 293.85 2 293.86 3 293.86 4 293.92 + 5 293.92 +	293.81 293.80 293.79 293.80 293.80	293.79 + 293.79 + 293.79 + 293.79 + 293.79 +	293.75 - 293.75 - 293.77 293.82 293.84	293.78 293.82 293.80 293.79 293.79	293.76 293.76 293.79 293.76 293.75 -	293.86 293.85 293.84 293.80 293.79	293.76 293.75 293.75 293.77 293.77	293.96 + 293.88 293.83 293.79 293.77	293.77 293.77 293.76 - 293.77 293.76 -	293.83 293.82 293.81 293.92 294.01	293.95 293.91 293.90 293.97 293.96	1 2 3 4 5
	6 293.91 7 293.87 8 293.85 9 293.84 10 293.82	293.79 293.79 293.79 293.78 293.78	293.80 293.78 293.78 293.77 293.78	293.84 293.78 293.77 293.78 293.80	293.80 293.79 293.79 293.83 293.80	293.76 293.81 293.84 + 293.81 293.78	293.93 + 293.85 293.84 293.80 293.80	293.79 293.75 293.74 293.75 - 293.74	293.76 293.76 293.74 293.75 - 293.74	293.76 - 293.77 293.76 - 293.88 294.11 +	293.92 293.88 293.86 293.83 293.99	293.93 293.90 293.89 293.88 293.90	6 7 8 9 10
m ü. M.	11 293.81 12 293.80 13 293.79 14 293.79 15 293.78	293.78 293.77 - 293.77 - 293.77 - 293.83	293.78 293.77 - 293.77 - 293.77 - 293.77	293.80 293.79 293.77 293.79 293.96	293.79 293.87 + 293.82 293.81 293.81	293.82 293.90 293.85 293.82 293.79	293.79 293.78 293.79 293.80 293.79	293.74 293.74 293.74 293.73 - 293.73 -	293.78 293.94 293.85 293.80 293.79	293.92 293.87 293.83 293.82 293.82	294.11 293.96 293.91 293.88 293.86	293.89 293.87 293.86 293.90 294.08	11 12 13 14 15
	16 293.78 17 293.77 - 18 293.77 - 19 293.78 20 293.80	293.86 + 293.84 293.84 293.85 293.83	293.76 293.76 293.78 293.79 + 293.77	294.14 + 293.97 293.91 293.88 293.86	293.81 293.79 293.78 293.78 293.78	293.78 293.77 293.76 293.76 293.79	293.77 293.76 293.76 293.75 293.77	293.80 293.75 293.73 - 293.73 - 293.73 -	293.78 293.77 293.77 293.79 293.76	293.80 293.79 293.78 293.77 293.77	293.85 293.84 293.83 293.82 293.81	293.98 293.98 294.12 + 294.00 293.98	16 17 18 19 20
+ Maximum	21 293.80 22 293.81 23 293.79 24 293.83 25 293.81	293.81 293.80 293.80 293.79 293.80	293.77 293.76 293.75 - 293.75 - 293.75 -	293.84 293.83 293.83 293.84 293.82	293.78 293.81 293.78 293.78 293.77	293.80 293.80 293.78 293.76 293.78	293.76 293.75 293.75 293.75 293.74 -	293.76 293.73 - 293.73 - 293.73 - 293.73 -	293.79 293.77 293.77 293.79 293.77	293.76 293.76 - 293.76 - 293.76 - 293.76 -	293.81 293.80 293.80 293.79 293.79	293.96 293.94 293.94 293.92 293.90	21 22 23 24 25
- Minimum	26 293.80 27 293.81 28 293.83 29 293.86 30 293.84 31 293.82	293.81 293.80 293.79 293.79 293.79 293.82	293.75 - 293.75 - 293.75 - 293.75 - 293.75 - 293.75 -	293.81 293.80 293.79 293.79 293.79 293.75 -	293.76 293.76 293.76 293.76 293.75 - 293.76	293.76 293.76 293.75 - 293.75 - 293.75 - 293.76	293.74 - 293.74 - 293.81 293.90 293.81 293.77	293.75 293.75 293.74 293.74 293.79 293.82	293.78 293.80 293.78 293.79 293.78 293.82	293.77 293.96 293.90 293.87 293.85 293.83	293.88 294.08 294.19 294.30 + 294.03 293.83	293.89 293.90 293.89 293.88 293.87 293.86	26 27 28 29 30 31
Monatsmittel	293.83	293.80	293.77	293.83	293.79	293.79	293.79	293.75 -	293.80	293.82	293.91	293.93 +	m ü. M.
Maximum (Spitze)	294.18 05.	293.89 16.	293.86 - 18.	294.24 16.	294.13 12.	294.21 08.	294.67 + 28.	294.07 31.	294.23 12.	294.57 10.	294.49 29.	294.26 18.	m ü. M. Datum

Jahreswerte in m ü. M. Mittel 293.82 Maximum 294.30 (29.11.2012) Minimum 293.73 (21.08.2012) Spitze 294.67 (28.07.2012)



Periode	1993 – 2012 (20 Jahre)												
Monatsmittel	293.80	293.80	293.80	293.80	293.79	293.77	293.76	293.75 -	293.75 -	293.77	293.78	293.81 +	m ü. M.
Maximum (Spitze)	294.18 - 2012	294.78 1999	294.77 2006	294.78 2006	294.98 1994	294.79 1995	294.67 2012	295.47 + 2007	294.37 1995	294.57 2012	294.49 2012	294.36 1995	m ü. M. Jahr
Minimum (Momentanwert)	293.69 2004	293.71 2008	293.72 + 1996	293.70 1996	293.70 2004	293.69 2009	293.68 - 2003	293.68 - 2003	293.68 - 2004	293.68 - 2003	293.69 2009	293.70 2003	m ü. M. Jahr
Grösstes Jahresmittel	293.82 (2012) m ü. M.												
Periodenmittel	293.78 m ü. M.												
Kleinstes Jahresmittel	293.74 (1997) m ü. M.												

Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2012	294.30	294.14	294.11	294.03	293.96	293.92	293.88	293.86	293.84	293.82	293.81	293.80	m ü. M.
1993 - 2012	294.17	294.05	293.97	293.94	293.90	293.86	293.83	293.82	293.81	293.79	293.78	293.77	m ü. M.
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2012	293.79	293.79	293.78	293.78	293.77	293.76	293.76	293.75	293.75	293.74	293.73	293.73	m ü. M.
1993 - 2012	293.77	293.76	293.75	293.75	293.74	293.73	293.73	293.72	293.71	293.70	293.70	293.69	m ü. M.

Die Wasserstände wurden auch für die Jahre 1980 bis 1992 bestimmt.
Ab 1.1.1993 neue Nullpunkthöhe.