

**Abfluss**



**Marchbach - Oberwil**

Stationsnummer: BL 4312

Einzugsgebiet: 27.00 km<sup>2</sup>

Höhe Station: 296.00 m ü. M.

**Kanton Basel-Landschaft**

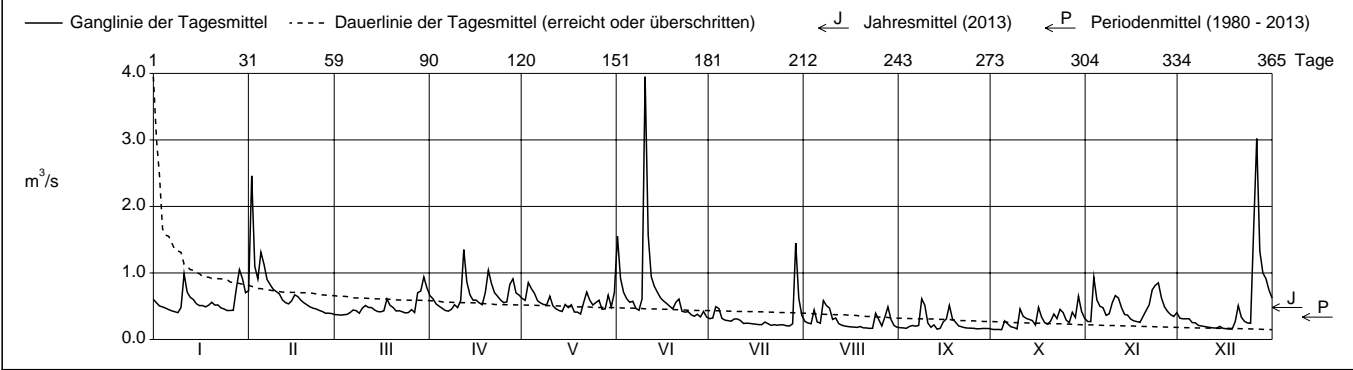
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 609 100 / 262 460

Mittlere Höhe: 462.00 m ü. M.

2013		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	0.603	0.733	0.374	0.658	0.617	1.55	0.313	0.271	0.177	0.152	0.270	0.320	1
	2	0.552	2.46 +	0.372	0.611	0.589	0.918	0.322	0.248	0.174	0.150	0.268	0.310	2
	3	0.504	1.10	0.366 -	0.534	0.855+	0.708	0.493	0.236	0.168	0.151	0.936+	0.311	3
	4	0.489	0.909	0.372	0.499	0.764	0.613	0.465	0.444	0.196	0.147 -	0.593	0.312	4
	5	0.471	1.31	0.377	0.468	0.693	0.559	0.317	0.263	0.210	0.280	0.499	0.254	5
	6	0.449	1.13	0.404	0.436	0.583	0.574	0.291	0.245	0.200	0.234	0.474	0.251	6
	7	0.430	0.900	0.443	0.426 -	0.549	0.467	0.283	0.585+	0.210	0.191	0.363	0.212	7
	8	0.417	0.825	0.433	0.454	0.525	0.439	0.275	0.509	0.611+	0.180	0.386	0.203	8
	9	0.403 -	0.754	0.395	0.522	0.523	0.610	0.308	0.472	0.515	0.159	0.552	0.195	9
	10	0.481	0.720	0.471	0.479	0.650	3.95 +	0.309	0.302	0.247	0.459	0.660	0.187	10
m <sup>3</sup> /s	11	0.989	0.685	0.511	0.586	0.505	1.57	0.286	0.323	0.183	0.349	0.623	0.179	11
	12	0.712	0.596	0.482	1.35 +	0.461	0.945	0.238	0.220	0.317	0.480	0.173	0.12	12
	13	0.634	0.554	0.479	0.863	0.435	0.799	0.245	0.214	0.155 -	0.301	0.377	0.172	13
	14	0.601	0.535	0.443	0.673	0.421	0.710	0.242	0.202	0.167	0.284	0.365	0.197	14
	15	0.538	0.581	0.419	0.591	0.526	0.626	0.235	0.194	0.264	0.218	0.306	0.168	15
	16	0.509	0.670	0.416	0.592	0.479	0.578	0.230	0.189	0.308	0.482	0.280	0.162	16
	17	0.510	0.645	0.431	0.551	0.522	0.541	0.223	0.186	0.512	0.337	0.269	0.157	17
	18	0.490	0.590	0.609	0.523	0.412	0.500	0.224	0.182	0.310	0.253	0.257 -	0.156 -	18
	19	0.516	0.551	0.514	0.704	0.411	0.461	0.262	0.194	0.280	0.229	0.346	0.289	19
	20	0.559	0.520	0.481	1.04	0.383 -	0.559	0.237	0.175	0.205	0.281	0.434	0.508	20
+ Maximum	21	0.517	0.489	0.428	0.842	0.555	0.608	0.212	0.173	0.190	0.383	0.521	0.335	21
	22	0.519	0.471	0.432	0.703	0.712	0.425	0.222	0.167 -	0.177	0.315	0.747	0.273	22
	23	0.475	0.458	0.416	0.649	0.590	0.411	0.214	0.168	0.171	0.452	0.814	0.249	23
	24	0.459	0.437	0.399	0.592	0.518	0.419	0.221	0.394	0.170	0.405	0.851	0.244	24
	25	0.435	0.420	0.405	0.553	0.556	0.371	0.220	0.302	0.167	0.292	0.624	1.66	25
- Minimum	26	0.436	0.395	0.449	0.565	0.590	0.349	0.205	0.204	0.160	0.253	0.490	3.02 +	26
	27	0.439	0.395	0.406	0.830	0.454	0.379	0.203 -	0.336	0.162	0.409	0.421	1.33	27
	28	0.767	0.390 -	0.703	0.911	0.459	0.339 -	0.236	0.490	0.166	0.331	0.373	1.00	28
	29	1.05 +		0.728	0.700	0.665	0.421	1.45 +	0.301	0.165	0.651+	0.346	0.914	29
	30	0.914		0.939+	0.667	0.492	0.339 -	0.622	0.209	0.164	0.423	0.403	0.741	30
	31	0.703		0.778		0.707		0.360	0.183		0.320		0.621	31
Monatsumme	0.567	0.722	0.480	0.653	0.555	0.724+	0.321	0.277	0.233-	0.303	0.478	0.486	m <sup>3</sup> /s	
Maximum (Spitze)	1.56 11.	4.30 02.	1.25 - 30.	2.42 12.	2.03 03.	8.47 + 10.	3.35 29.	4.55 28.	2.69 08.	1.35 29.	1.85 03.	4.34 25.	m <sup>3</sup> /s Datum	

**Jahresmittel** 0.481 m<sup>3</sup>/s



Periode	1980 - 2013 (34 Jahre)												
Monatsumme	0.393	0.379	0.399	0.408	0.401	0.324	0.253	0.225-	0.225-	0.283	0.316	0.423+	m <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /s Jahr

**Grösstes Jahresmittel** 0.484 (2006) m<sup>3</sup>/s      **Periodenmittel** 0.336 m<sup>3</sup>/s      **Kleinstes Jahresmittel** 0.207 (1989) m<sup>3</sup>/s

Dauer der Tagesmittelwerte des Abflusses (erreicht oder überschritten)													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2013	3.95	2.46	1.55	1.33	0.939	0.764	0.673	0.611	0.583	0.523	0.493	0.465	m <sup>3</sup> /s
1980 - 2013	2.69	1.68	1.25	1.06	0.810	0.620	0.502	0.435	0.381	0.332	0.296	0.268	m <sup>3</sup> /s
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2013	0.434	0.405	0.365	0.310	0.269	0.241	0.212	0.189	0.168	0.162	0.152	0.147	m <sup>3</sup> /s
1980 - 2013	0.245	0.223	0.206	0.191	0.174	0.160	0.148	0.133	0.118	0.110	0.102	0.084	m <sup>3</sup> /s

**Wasserstand**



**Marchbach - Oberwil**

Stationsnummer: BL 4312

Einzugsgebiet: 27.00 km<sup>2</sup>

Höhe Station: 296.00 m ü. M.

**Kanton Basel-Landschaft**

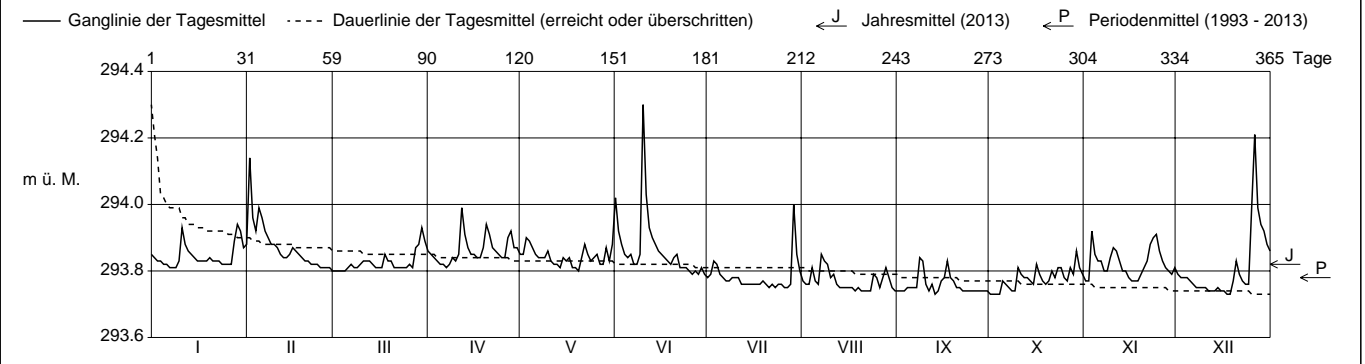
**Tiefbauamt, Geschäftsbereich Wasserbau**

Koordinaten: 609 100 / 262 460

Mittlere Höhe: 462.00 m ü. M.

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
<b>Tagesmittel</b>	1 293.85 2 293.84 3 293.83 4 293.83 5 293.82	293.88 294.14 + 293.96 293.92 293.99	293.80 - 293.80 - 293.80 - 293.80 - 293.80 -	293.86 293.85 293.84 293.83 293.82	293.85 293.85 293.84 293.89 293.87	294.02 293.92 293.88 293.85 293.84	293.78 293.79 293.83 293.82 293.79	293.77 293.76 293.76 293.81 293.77	293.74 293.74 293.74 293.75 293.75	293.73 - 293.73 - 293.73 - 293.73 - 293.77	293.77 - 293.77 - 293.92 + 293.85 293.83	293.79 293.78 293.78 293.78 293.77	293.79 293.78 293.78 293.78 293.77	1 2 3 4 5
	6 293.82 7 293.81 - 8 293.81 9 293.81 - 10 293.83	293.96 293.92 293.90 293.88 293.88	293.81 293.82 293.81 293.81 293.82	293.82 293.81 - 293.82 293.84 293.83	293.85 293.84 293.82 293.84 293.86	293.85 293.82 293.82 293.85 294.30 +	293.78 293.77 293.77 293.78 293.78	293.76 293.85 + 293.83 293.82 293.78	293.75 293.75 293.84 + 293.74 293.76	293.76 293.75 293.74 293.74 293.81	293.83 293.80 293.80 293.84 293.87	293.76 293.75 293.80 293.78 293.81	293.83 293.75 293.75 293.75 293.75	6 7 8 9 10
m ü. M.	11 293.93 12 293.88 13 293.86 14 293.85 15 293.84	293.87 293.85 293.84 293.84 293.85	293.83 293.83 293.83 293.82 293.81	293.85 293.99 + 293.91 293.82 293.85	293.83 293.82 293.82 293.81 293.84	294.03 293.93 293.90 293.88 293.86	293.78 293.76 293.76 293.76 293.76	293.79 293.76 293.75 293.75 293.75	293.74 293.76 293.73 - 293.74 293.77	293.79 293.78 293.78 293.77 293.76	293.86 293.83 293.80 293.80 293.78	293.74 293.77 - 293.78 293.80 293.78	293.74 293.73 - 293.77 293.79 293.74	11 12 13 14 15
<b>+ Maximum</b>	16 293.83 17 293.83 18 293.83 19 293.83 20 293.84	293.87 293.86 293.85 293.84 293.83	293.81 293.81 293.85 293.83 293.83	293.85 293.84 293.84 293.87 293.94	293.83 293.84 293.81 293.82 293.80 -	293.85 293.84 293.88 293.85 293.84	293.75 293.76 293.75 293.75 293.76	293.74 293.75 293.74 293.74 293.74	293.78 293.83 293.78 293.77 293.75	293.79 293.79 293.77 293.77 293.77	293.80 293.83 293.88 293.81 293.81	293.83 293.77 - 293.83 293.79 293.81	293.79 293.77 293.77 293.79 293.86	16 17 18 19 20
<b>- Minimum</b>	21 293.83 22 293.83 23 293.83 24 293.82 25 293.82	293.83 293.82 293.82 293.82 293.81	293.81 293.81 293.81 293.81 293.81	293.91 293.87 293.86 293.85 293.84	293.84 293.88 293.85 293.83 293.84	293.85 293.81 293.81 293.81 293.80	293.75 - 293.76 293.75 - 293.76 293.76	293.74 - 293.74 293.74 - 293.79 293.78	293.75 293.74 293.74 293.74 293.74	293.75 293.78 293.78 293.81 293.78	293.80 293.78 293.88 293.91 293.86	293.83 293.77 - 293.80 293.81 293.86	293.79 293.77 293.76 293.76 293.99	21 22 23 24 25
	26 293.82 27 293.82 28 293.89 29 293.94 + 30 293.92 31 293.87	293.81 - 293.81 - 293.81 - 293.81 293.81	293.82 293.81 293.87 293.87 293.93 + 293.89	293.84 293.90 293.92 293.87 293.87	293.85 293.82 293.82 293.87 293.83 293.88	293.79 - 293.80 293.79 - 293.81 293.79 -	293.75 - 293.75 - 293.76 294.00 + 293.85	293.75 293.78 293.81 293.78 293.75	293.74 293.74 293.74 293.74 293.74	293.77 293.81 293.79 293.86 + 293.81	293.83 293.81 293.80 293.79 293.81	293.77 - 293.77 - 293.79 293.79 293.81	293.74 293.77 293.78 293.82 293.86	26 27 28 29 30 31
<b>Monatsmittel</b>	293.84	293.87 +	293.83	293.86	293.84	293.87 +	293.78	293.77	293.76 -	293.78	293.82	293.81	m ü. M.	
<b>Maximum (Spitze)</b>	294.03 11.	294.35 02.	293.98 - 30.	294.14 12.	294.09 03.	294.74 + 10.	294.25 29.	294.37 28.	294.17 08.	294.00 29.	294.07 03.	294.35 25.	m ü. M. Datum	

**Jahreswerte in m ü. M.** Mittel 293.82 Maximum 294.30 (10.06.2013) Minimum 293.73 (04.10.2013) Spitze 294.74 (10.06.2013)



Periode	1993 - 2013 (21 Jahre)												
Monatsmittel	293.81 +	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 (2013) m ü. M. **Periodenmittel** 293.78 m ü. M. **Kleinste Jahresmittel** 293.74 (1997) m ü. M.

<b>Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten)</b>													
Tage	1	3	6	9	18	36	55	73	91	114	137	160	
2013	294.30	294.14	294.00	293.99	293.93	293.89	293.87	293.85	293.85	293.84	293.83	293.82	m ü. M.
1993 - 2013	294.17	294.05	293.98	293.95	293.90	293.86	293.84	293.82	293.81	293.80	293.79	293.78	m ü. M.
Tage	182	205	228	251	274	292	310	329	347	356	362	365	
2013	293.81	293.81	293.80	293.78	293.77	293.76	293.75	293.75	293.74	293.74	293.73	293.73	m ü. M.
1993 - 2013	293.77	293.76	293.75	293.75	293.74	293.73	293.73	293.72	293.71	293.71	293.70	293.69	m ü. M.

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