

Abfluss



Marchbach - Oberwil

Stationsnummer: BL 4312

Einzugsgebiet: 27.00 km²

Höhe Station: 296 m ü. M.

Kanton Basel-Landschaft

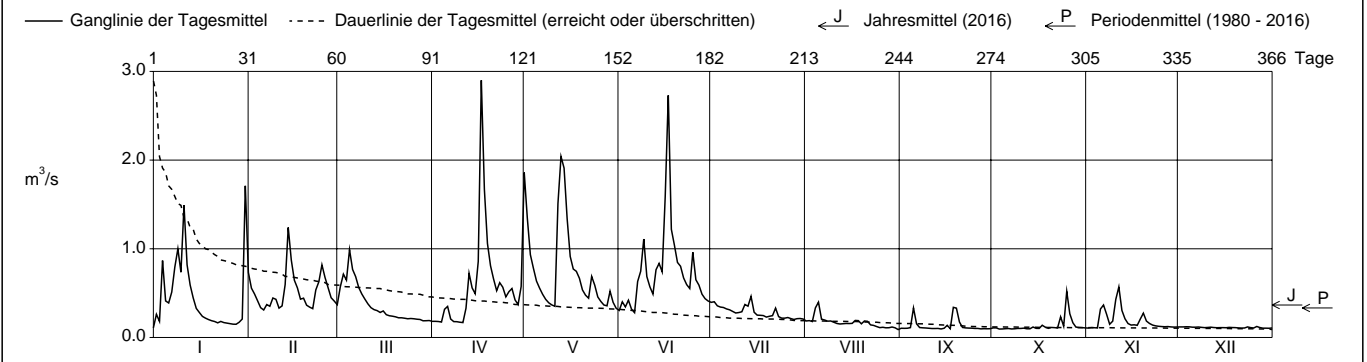
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 2609 093 / 1262 473

Mittlere Höhe: 462 m ü. M.

| 2016 | | Januar | Februar | März | April | Mai | Juni | Juli | August | September | Oktober | November | Dezember | |
|-------------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|----------------------------|----|
| Tagesmittel | 1 | 0.108 - | 0.733 | 0.370 | 0.182 | 1.86 | 0.305 | 0.396 | 0.186 | 0.104 | 0.108 | 0.106 - | 0.119 | 1 |
| | 2 | 0.261 | 0.556 | 0.572 | 0.182 | 1.35 | 0.402 | 0.403 | 0.190 | 0.103 | 0.108 | 0.111 | 0.119 | 2 |
| | 3 | 0.182 | 0.491 | 0.714 | 0.180 | 0.934 | 0.345 | 0.357 | 0.180 | 0.104 | 0.095 - | 0.110 | 0.121 | 3 |
| | 4 | 0.867 | 0.414 | 0.647 | 0.174 | 0.780 | 0.420 | 0.343 | 0.334 | 0.111 | 0.096 | 0.107 | 0.120 | 4 |
| | 5 | 0.412 | 0.336 | 0.990+ | 0.318 | 0.636 | 0.320 | 0.338 | 0.398+ | 0.332 | 0.099 | 0.321 | 0.116 | 5 |
| | 6 | 0.389 | 0.310 - | 0.767 | 0.350 | 0.557 | 0.280 - | 0.322 | 0.206 | 0.154 | 0.101 | 0.366 | 0.116 | 6 |
| | 7 | 0.512 | 0.371 | 0.686 | 0.208 | 0.487 | 0.631 | 0.312 | 0.197 | 0.112 | 0.096 | 0.262 | 0.118 | 7 |
| | 8 | 0.793 | 0.352 | 0.564 | 0.179 | 0.430 | 0.747 | 0.294 | 0.184 | 0.109 | 0.098 | 0.149 | 0.114 | 8 |
| | 9 | 1.00 | 0.445 | 0.491 | 0.178 | 0.391 | 1.11 | 0.276 | 0.186 | 0.107 | 0.102 | 0.184 | 0.111 | 9 |
| | 10 | 0.736 | 0.430 | 0.433 | 0.172 | 0.367 | 0.687 | 0.281 | 0.172 | 0.104 | 0.102 | 0.429 | 0.113 | 10 |
| m ³ /s | 11 | 1.49 | 0.331 | 0.379 | 0.168 - | 0.352 | 0.571 | 0.290 | 0.158 | 0.101 | 0.105 | 0.570+ | 0.116 | 11 |
| | 12 | 0.820 | 0.356 | 0.336 | 0.330 | 1.51 | 0.489 | 0.372 | 0.152 | 0.101 | 0.098 | 0.305 | 0.112 | 12 |
| | 13 | 0.592 | 0.597 | 0.314 | 0.724 | 2.04 + | 0.764 | 0.353 | 0.155 | 0.102 | 0.098 | 0.211 | 0.110 | 13 |
| | 14 | 0.446 | 1.24 + | 0.303 | 0.559 | 1.91 | 0.835 | 0.463+ | 0.158 | 0.096 - | 0.118 | 0.157 | 0.111 | 14 |
| | 15 | 0.328 | 0.874 | 0.282 | 0.494 | 1.34 | 0.741 | 0.285 | 0.157 | 0.104 | 0.103 | 0.140 | 0.111 | 15 |
| + Maximum | 16 | 0.282 | 0.646 | 0.299 | 0.858 | 0.914 | 1.59 | 0.252 | 0.159 | 0.137 | 0.102 | 0.143 | 0.110 | 16 |
| | 17 | 0.238 | 0.559 | 0.257 | 2.90 + | 0.772 | 2.73 + | 0.250 | 0.192 | 0.099 | 0.138 | 0.137 | 0.114 | 17 |
| | 18 | 0.218 | 0.432 | 0.245 | 1.67 | 0.746 | 1.22 | 0.247 | 0.190 | 0.340+ | 0.116 | 0.208 | 0.112 | 18 |
| | 19 | 0.202 | 0.443 | 0.240 | 1.06 | 0.668 | 1.04 | 0.230 | 0.154 | 0.331 | 0.103 | 0.274 | 0.111 | 19 |
| | 20 | 0.189 | 0.364 | 0.233 | 0.809 | 0.536 | 0.846 | 0.239 | 0.186 | 0.174 | 0.113 | 0.185 | 0.108 | 20 |
| | 21 | 0.180 | 0.342 | 0.222 | 0.659 | 0.477 | 0.803 | 0.246 | 0.182 | 0.113 | 0.111 | 0.158 | 0.106 | 21 |
| | 22 | 0.165 | 0.325 | 0.222 | 0.528 | 0.443 | 0.671 | 0.331 | 0.142 | 0.108 | 0.107 | 0.140 | 0.107 | 22 |
| | 23 | 0.181 | 0.536 | 0.217 | 0.618 | 0.688 | 0.596 | 0.235 | 0.136 | 0.106 | 0.233 | 0.131 | 0.119 | 23 |
| | 24 | 0.168 | 0.629 | 0.211 | 0.567 | 0.590 | 0.552 | 0.218 | 0.123 | 0.105 | 0.127 | 0.126 | 0.111 | 24 |
| | 25 | 0.162 | 0.819 | 0.214 | 0.458 | 0.457 | 0.961 | 0.218 | 0.111 | 0.102 | 0.520+ | 0.123 | 0.107 | 25 |
| - Minimum | 26 | 0.156 | 0.677 | 0.211 | 0.516 | 0.406 | 0.651 | 0.225 | 0.115 | 0.102 | 0.267 | 0.121 | 0.124+ | 26 |
| | 27 | 0.150 | 0.562 | 0.206 | 0.552 | 0.366 | 0.590 | 0.213 | 0.109 | 0.097 | 0.166 | 0.123 | 0.112 | 27 |
| | 28 | 0.149 | 0.448 | 0.203 | 0.424 | 0.357 | 0.488 | 0.203 - | 0.110 | 0.099 | 0.117 | 0.119 | 0.105 | 28 |
| | 29 | 0.172 | 0.411 | 0.188 - | 0.371 | 0.522 | 0.438 | 0.212 | 0.118 | 0.098 | 0.113 | 0.117 | 0.105 | 29 |
| | 30 | 0.208 | | 0.189 | 0.575 | 0.396 | 0.411 | 0.214 | 0.109 | 0.099 | 0.111 | 0.118 | 0.104 - | 30 |
| | 31 | 1.71 + | | 0.191 | | 0.329 - | | 0.208 | 0.089 - | | 0.108 | | 0.107 | 31 |
| Monatsumme | 0.434 | 0.518 | 0.368 | 0.565 | 0.762+ | 0.741 | 0.285 | 0.169 | 0.132 | 0.132 | 0.192 | 0.113- | m ³ /s | |
| Maximum (Spitze) | 2.87 31. | 2.55 14. | 1.16 05. | 4.41 17. | 6.54 + 14. | 4.34 17. | 1.18 14. | 1.40 04. | 1.00 19. | 1.89 25. | 1.26 11. | 0.475- 26. | m ³ /s Datum | |

Jahresmittel 0.366 m³/s



| Periode | 1980 - 2016 (37 Jahre) | | | | | | | | | | | | |
|------------------------|------------------------|----------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------|
| Monatsumme | 0.401 | 0.384 | 0.392 | 0.404 | 0.407+ | 0.326 | 0.253 | 0.222 | 0.218- | 0.273 | 0.311 | 0.403 | 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 | 0.094 2015 | 0.071 2014 | 0.069 2014 | 0.035- 2014 | 0.041 2014 | 0.051 2003 | 0.046 2014 | 0.044 2014 | 0.053 2015 | 0.056 2016 | m ³ /s Jahr |

Grösstes Jahresmittel 0.484 (2006) m³/s **Periodenmittel** 0.333 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 | |
| 2016 | 2.90 | 2.04 | 1.71 | 1.51 | 1.00 | 0.764 | 0.631 | 0.556 | 0.458 | 0.396 | 0.340 | 0.299 | m ³ /s |
| 1980 - 2016 | 2.67 | 1.67 | 1.25 | 1.06 | 0.807 | 0.614 | 0.500 | 0.433 | 0.379 | 0.331 | 0.294 | 0.266 | m ³ /s |
| Tage | 182 | 205 | 228 | 251 | 274 | 292 | 310 | 329 | 347 | 356 | 362 | 365 | |
| 2016 | 0.235 | 0.206 | 0.180 | 0.154 | 0.120 | 0.113 | 0.110 | 0.106 | 0.102 | 0.099 | 0.096 | 0.095 | m ³ /s |
| 1980 - 2016 | 0.243 | 0.221 | 0.204 | 0.187 | 0.170 | 0.156 | 0.143 | 0.129 | 0.114 | 0.107 | 0.100 | 0.084 | m ³ /s |

Wasserstand



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Höhe Station: 296 m ü. M.

Kanton Basel-Landschaft

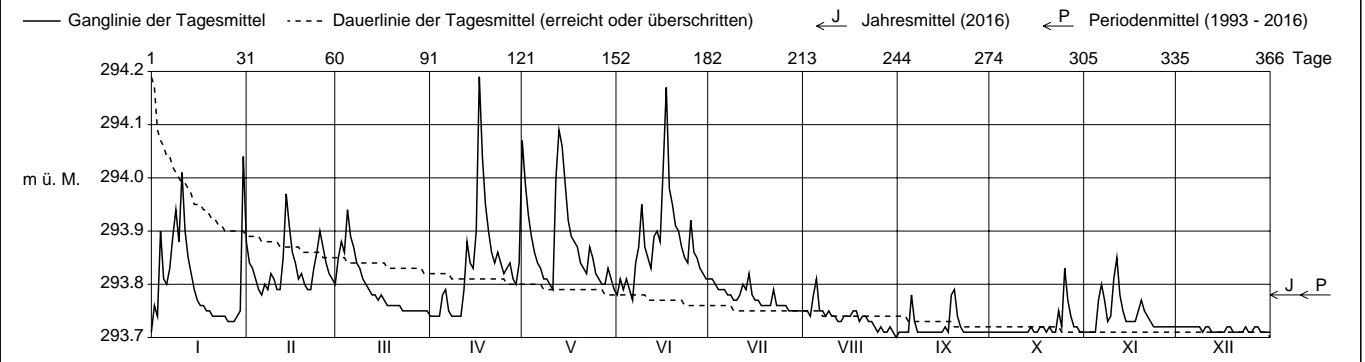
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 2609 093 / 1262 473

Mittlere Höhe: 462 m ü. M.

| 2016 | | Januar | Februar | März | April | Mai | Juni | Juli | August | September | Oktober | November | Dezember | | |
|------------------|---------------|---------------|---------------|---------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|----------|----|
| Tagesmittel | 1 | 293.71 - | 293.88 | 293.80 | 293.74 - | 294.07 | 293.78 | 293.81 | 293.75 | 293.71 - | 293.71 - | 293.71 - | 293.72 + | 1 | |
| | 2 | 293.76 | 293.84 | 293.85 | 293.74 - | 293.99 | 293.81 | 293.75 | 293.71 - | 293.71 - | 293.71 - | 293.71 - | 293.72 + | 2 | |
| | 3 | 293.74 | 293.83 | 293.88 | 293.74 - | 293.93 | 293.79 | 293.80 | 293.74 | 293.71 - | 293.71 - | 293.71 - | 293.72 + | 3 | |
| | 4 | 293.90 | 293.81 | 293.86 | 293.74 - | 293.89 | 293.81 | 293.79 | 293.78 | 293.71 - | 293.71 - | 293.71 - | 293.72 + | 4 | |
| | 5 | 293.81 | 293.79 | 293.94 + | 293.78 | 293.86 | 293.79 | 293.79 | 293.81 + | 293.78 | 293.71 - | 293.77 | 293.72 + | 5 | |
| | 6 | 293.80 | 293.78 - | 293.89 | 293.79 | 293.84 | 293.77 - | 293.79 | 293.75 | 293.73 | 293.71 - | 293.80 | 293.72 + | 6 | |
| | 7 | 293.83 | 293.80 | 293.87 | 293.75 | 293.83 | 293.84 | 293.78 | 293.75 | 293.71 - | 293.71 - | 293.77 | 293.72 + | 7 | |
| | 8 | 293.89 | 293.79 | 293.84 | 293.74 - | 293.81 | 293.87 | 293.78 | 293.74 | 293.71 - | 293.71 - | 293.73 | 293.72 + | 8 | |
| | 9 | 293.94 | 293.82 | 293.83 | 293.74 - | 293.81 | 293.95 | 293.77 | 293.75 | 293.71 - | 293.71 - | 293.74 | 293.71 - | 9 | |
| | 10 | 293.88 | 293.81 | 293.81 | 293.74 - | 293.80 | 293.87 | 293.77 | 293.74 | 293.71 - | 293.71 - | 293.81 | 293.72 + | 10 | |
| m ü. M. | 11 | 294.01 | 293.79 | 293.80 | 293.74 - | 293.79 - | 293.85 | 293.78 | 293.74 | 293.71 - | 293.71 - | 293.85 + | 293.72 + | 11 | |
| | 12 | 293.90 | 293.79 | 293.79 | 293.79 | 294.00 | 293.83 | 293.80 | 293.73 | 293.71 - | 293.71 - | 293.78 | 293.71 - | 12 | |
| | 13 | 293.85 | 293.85 | 293.78 | 293.88 | 294.09 + | 293.89 | 293.79 | 293.73 | 293.71 - | 293.71 - | 293.75 | 293.71 - | 13 | |
| | 14 | 293.82 | 293.97 + | 293.78 | 293.84 | 294.06 | 293.90 | 293.82 + | 293.74 | 293.71 - | 293.72 | 293.73 | 293.71 - | 14 | |
| | 15 | 293.79 | 293.91 | 293.77 | 293.83 | 293.99 | 293.88 | 293.78 | 293.74 | 293.71 - | 293.71 - | 293.73 | 293.71 - | 15 | |
| | 16 | 293.77 | 293.86 | 293.78 | 293.90 | 293.92 | 294.02 | 293.77 | 293.74 | 293.72 | 293.71 - | 293.73 | 293.71 - | 16 | |
| | 17 | 293.76 | 293.84 | 293.77 | 294.19 + | 293.89 | 294.17 + | 293.77 | 293.75 | 293.71 - | 293.72 | 293.73 | 293.72 + | 17 | |
| | 18 | 293.76 | 293.81 | 293.76 | 294.04 | 293.88 | 293.98 | 293.76 | 293.75 | 293.78 | 293.72 | 293.75 | 293.72 + | 18 | |
| | 19 | 293.75 | 293.82 | 293.76 | 293.95 | 293.87 | 293.95 | 293.76 | 293.73 | 293.79 + | 293.71 - | 293.77 | 293.71 - | 19 | |
| | 20 | 293.75 | 293.80 | 293.76 | 293.90 | 293.84 | 293.91 | 293.76 | 293.74 | 293.74 | 293.72 | 293.75 | 293.71 - | 20 | |
| + Maximum | 21 | 293.74 | 293.79 | 293.76 | 293.86 | 293.83 | 293.90 | 293.76 | 293.74 | 293.72 | 293.71 - | 293.74 | 293.71 - | 21 | |
| | 22 | 293.74 | 293.79 | 293.76 | 293.84 | 293.82 | 293.87 | 293.79 | 293.73 | 293.71 - | 293.71 - | 293.73 | 293.71 - | 22 | |
| | 23 | 293.74 | 293.83 | 293.75 - | 293.86 | 293.87 | 293.85 | 293.76 | 293.73 | 293.71 - | 293.75 | 293.72 | 293.72 + | 23 | |
| | 24 | 293.74 | 293.86 | 293.75 - | 293.84 | 293.85 | 293.84 | 293.76 | 293.72 | 293.71 - | 293.72 | 293.72 | 293.71 - | 24 | |
| | 25 | 293.74 | 293.90 | 293.75 - | 293.82 | 293.82 | 293.92 | 293.76 | 293.71 | 293.71 - | 293.83 + | 293.72 | 293.71 - | 25 | |
| | - Minimum | 26 | 293.73 | 293.87 | 293.75 - | 293.83 | 293.81 | 293.86 | 293.76 | 293.72 | 293.71 - | 293.77 | 293.72 | 293.72 + | 26 |
| | | 27 | 293.73 | 293.84 | 293.75 - | 293.84 | 293.80 | 293.85 | 293.75 - | 293.71 | 293.71 - | 293.74 | 293.72 | 293.72 + | 27 |
| | | 28 | 293.73 | 293.82 | 293.75 - | 293.81 | 293.80 | 293.83 | 293.75 - | 293.71 | 293.71 - | 293.72 | 293.72 | 293.71 - | 28 |
| | | 29 | 293.74 | 293.81 | 293.75 - | 293.80 | 293.83 | 293.82 | 293.75 - | 293.72 | 293.71 - | 293.72 | 293.72 | 293.71 - | 29 |
| | | 30 | 293.75 | 293.81 | 293.75 - | 293.84 | 293.81 | 293.81 | 293.75 - | 293.71 | 293.71 - | 293.71 - | 293.72 | 293.71 - | 30 |
| 31 | | 294.04 + | | 293.75 - | | 293.79 - | | 293.75 - | 293.70 - | | | | 293.71 - | 31 | |
| Monatsmittel | 293.80 | 293.83 | 293.79 | 293.83 | 293.88 + | 293.87 | 293.77 | 293.74 | 293.72 - | 293.72 - | 293.74 | 293.72 - | m ü. M. | | |
| Maximum (Spitze) | 294.19 31. | 294.16 14. | 293.97 05. | 294.36 17. | 294.57 + 14. | 294.35 17. | 293.97 14. | 294.00 04. | 293.94 19. | 294.07 25. | 293.98 11. | 293.83 26. | m ü. M. Datum | | |

Jahreswerte in m ü. M. Mittel 293.78 Maximum 294.19 (17.04.2016) Minimum 293.70 (31.08.2016) Spitze 294.57 (14.05.2016)



| Periode | 1993 - 2016 (24 Jahre) | | | | | | | | | | | | |
|------------------------|------------------------|------------------|------------------|----------------|----------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|-----------------|
| Monatsmittel | 293.81 + | 293.80 | 293.80 | 293.80 | 293.80 | 293.77 | 293.76 | 293.75 - | 293.75 - | 293.76 | 293.78 | 293.80 | m ü. M. |
| Maximum (Spitze) | 294.19 - 2016 | 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 | 293.71 + 2015 | 293.69 2014 | 293.69 2014 | 293.67 - 2014 | 293.67 - 2014 | 293.68 2003 | 293.68 2014 | 293.68 2014 | 293.68 2015 | 293.68 2016 | 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.

| Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten) | | | | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Tage | 1 | 3 | 6 | 9 | 18 | 36 | 55 | 73 | 91 | 114 | 137 | 160 | |
| 2016 | 294.19 | 294.09 | 294.04 | 294.01 | 293.94 | 293.89 | 293.86 | 293.84 | 293.82 | 293.81 | 293.79 | 293.78 | m ü. M. |
| 1993 - 2016 | 294.17 | 294.05 | 293.98 | 293.94 | 293.90 | 293.86 | 293.84 | 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 | |
| 2016 | 293.76 | 293.75 | 293.74 | 293.73 | 293.72 | 293.72 | 293.71 | 293.71 | 293.71 | 293.71 | 293.71 | 293.71 | m ü. M. |
| 1993 - 2016 | 293.77 | 293.76 | 293.75 | 293.74 | 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.