

## Abfluss



## Violenbach - Augst

Stationsnummer: BL 4315

Einzugsgebiet: 16.90 km<sup>2</sup>

Höhe Station: 268 m ü. M.

## Kanton Basel-Landschaft

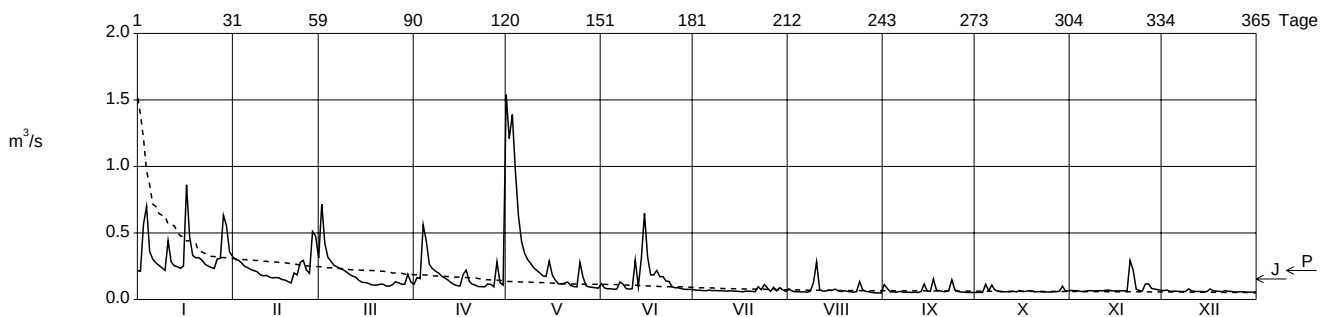
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 2621 208 / 1265 057

Mittlere Höhe: 425 m ü. M.

| 2015                    | Januar                                      | Februar                                   | März                                       | April                                      | Mai                                       | Juni                                       | Juli                                      | August                                     | September                                   | Oktober                                          | November                                      | Dezember                                   |                            |
|-------------------------|---------------------------------------------|-------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|--------------------------------------------|-------------------------------------------|--------------------------------------------|---------------------------------------------|--------------------------------------------------|-----------------------------------------------|--------------------------------------------|----------------------------|
| <b>Tagesmittel</b>      | 0.217<br>0.212 -<br>0.567<br>0.699<br>0.361 | 0.323<br>0.300<br>0.294<br>0.272<br>0.248 | 0.311<br>0.716+<br>0.421<br>0.317<br>0.287 | 0.114<br>0.165<br>0.157<br>0.561+<br>0.441 | 1.54 +<br>1.21<br>1.39<br>0.967<br>0.628  | 0.119<br>0.087<br>0.080<br>0.067<br>0.077  | 0.073<br>0.070<br>0.069<br>0.058<br>0.066 | 0.080<br>0.064<br>0.058<br>0.058<br>0.057  | 0.112<br>0.083<br>0.057<br>0.057<br>0.054   | 0.053 -<br>0.053 -<br>0.053 -<br>0.114+<br>0.066 | 0.068<br>0.066<br>0.066<br>0.060 -<br>0.060 - | 0.067<br>0.071<br>0.061<br>0.062<br>0.062  | 1<br>2<br>3<br>4<br>5      |
| <b>+ Maximum</b>        | 0.304<br>0.276<br>0.257<br>0.238<br>0.219   | 0.238<br>0.224<br>0.216<br>0.208<br>0.186 | 0.256<br>0.245<br>0.232<br>0.223<br>0.207  | 0.264<br>0.232<br>0.213<br>0.199<br>0.175  | 0.438<br>0.346<br>0.300<br>0.270<br>0.237 | 0.078<br>0.131<br>0.116<br>0.082<br>0.078  | 0.070<br>0.067<br>0.067<br>0.066<br>0.066 | 0.070<br>0.055<br>0.063<br>0.129<br>0.282+ | 0.057<br>0.056<br>0.055<br>0.055<br>0.053   | 0.108<br>0.072<br>0.062<br>0.058<br>0.058        | 0.064<br>0.067<br>0.065<br>0.065<br>0.066     | 0.061<br>0.060<br>0.060<br>0.079+<br>0.066 | 6<br>7<br>8<br>9<br>10     |
| <b>- Minimum</b>        | 0.441<br>0.282<br>0.253<br>0.247<br>0.234   | 0.178<br>0.181<br>0.168<br>0.162<br>0.165 | 0.190<br>0.176<br>0.168<br>0.145<br>0.130  | 0.162<br>0.147<br>0.127<br>0.113<br>0.104  | 0.218<br>0.198<br>0.177<br>0.174<br>0.288 | 0.081<br>0.296<br>0.096<br>0.315<br>0.647+ | 0.064<br>0.063<br>0.065<br>0.063<br>0.062 | 0.073<br>0.063<br>0.064<br>0.070<br>0.069  | 0.054<br>0.052 -<br>0.060<br>0.116<br>0.063 | 0.058<br>0.058<br>0.062<br>0.057<br>0.067        | 0.065<br>0.069<br>0.071<br>0.065<br>0.064     | 0.061<br>0.060<br>0.060<br>0.059<br>0.059  | 11<br>12<br>13<br>14<br>15 |
| <b>Monatsmittel</b>     | 0.348+                                      | 0.230                                     | 0.192                                      | 0.172                                      | 0.336                                     | 0.149                                      | 0.070                                     | 0.073                                      | 0.069                                       | 0.065                                            | 0.083                                         | 0.062-                                     | m <sup>3</sup> /s          |
| <b>Maximum (Spitze)</b> | 1.42<br>03.                                 | 0.945<br>27.                              | 1.76<br>02.                                | 1.39<br>04.                                | 2.86 +<br>01.                             | 2.74<br>12.                                | 0.768<br>22.                              | 2.16<br>10.                                | 0.600<br>17.                                | 0.345<br>06.                                     | 1.21<br>20.                                   | 0.226-<br>02.                              | m <sup>3</sup> /s<br>Datum |
| <b>Jahresmittel</b>     | 0.154 m <sup>3</sup> /s                     |                                           |                                            |                                            |                                           |                                            |                                           |                                            |                                             |                                                  |                                               |                                            |                            |

— Ganglinie der Tagesmittel    - - - - Dauerlinie der Tagesmittel (erreicht oder überschritten)    ← J Jahresmittel (2015)    ← P Periodenmittel (1979 - 2015)



| Periode                | 1979 – 2015 (37 Jahre) |               |               |                |               |               |                |               |                |               |               |               |                           |
|------------------------|------------------------|---------------|---------------|----------------|---------------|---------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------------------|
| Monatsmittel           | 0.279                  | 0.265         | 0.266         | 0.268          | 0.232         | 0.193         | 0.159          | 0.130         | 0.127-         | 0.172         | 0.237         | 0.288+        | m <sup>3</sup> /s         |
| Maximum (Spitze)       | 3.25 -<br>1982         | 7.18<br>1999  | 4.24<br>2006  | 5.85<br>2006   | 7.44<br>1999  | 4.89<br>2013  | 13.7 +<br>1999 | 8.66<br>2007  | 3.75<br>2006   | 4.93<br>2002  | 4.03<br>1995  | 3.73<br>2010  | m <sup>3</sup> /s<br>Jahr |
| Minimum (Momentanwert) | 0.029<br>1990          | 0.027<br>1987 | 0.049<br>1986 | 0.056+<br>1990 | 0.029<br>1990 | 0.019<br>1989 | 0.009<br>1989  | 0.009<br>1989 | 0.000-<br>1988 | 0.007<br>1985 | 0.006<br>1985 | 0.011<br>1985 | m <sup>3</sup> /s<br>Jahr |

**Grösstes Jahresmittel** 0.429 (1982) m<sup>3</sup>/s    **Periodenmittel** 0.218 m<sup>3</sup>/s    **Kleinstes Jahresmittel** 0.102 (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   |                   |
| 2015                                                                   | 1.54  | 1.21  | 0.716 | 0.633 | 0.441 | 0.300 | 0.256 | 0.221 | 0.186 | 0.150 | 0.123 | 0.108 | m <sup>3</sup> /s |
| 1979 - 2015                                                            | 1.55  | 1.18  | 0.914 | 0.782 | 0.594 | 0.436 | 0.352 | 0.302 | 0.267 | 0.232 | 0.203 | 0.178 | m <sup>3</sup> /s |
| Tage                                                                   | 182   | 205   | 228   | 251   | 274   | 292   | 310   | 329   | 347   | 356   | 362   | 365   |                   |
| 2015                                                                   | 0.091 | 0.077 | 0.068 | 0.065 | 0.063 | 0.061 | 0.059 | 0.058 | 0.055 | 0.053 | 0.052 | 0.049 | m <sup>3</sup> /s |
| 1979 - 2015                                                            | 0.155 | 0.133 | 0.116 | 0.101 | 0.091 | 0.083 | 0.075 | 0.066 | 0.053 | 0.039 | 0.021 | 0.001 | m <sup>3</sup> /s |

Die Abflüsse wurden auch für das Jahr 1978 bestimmt.

## Wasserstand



## Violenbach - Augst

Stationsnummer: BL 4315

Einzugsgebiet: 16.90 km<sup>2</sup>

Höhe Station: 268 m ü. M.

## Kanton Basel-Landschaft

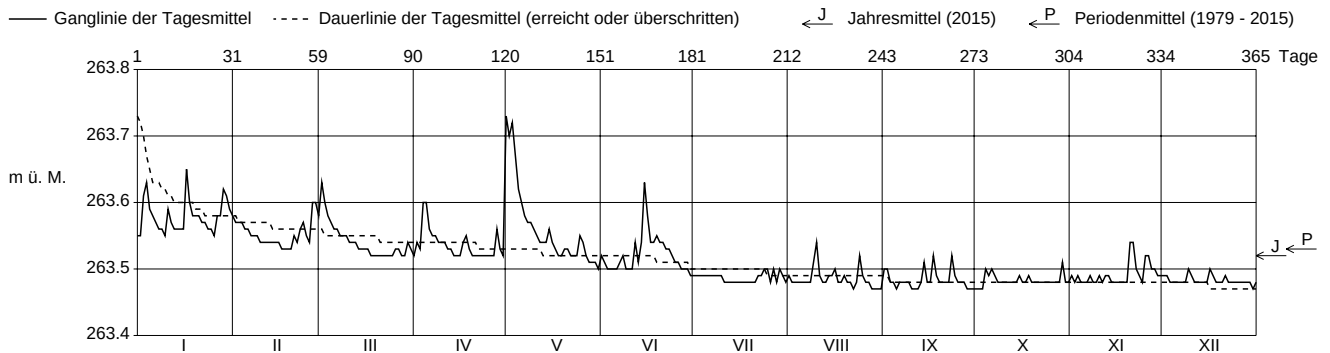
Tiefbauamt, Geschäftsbereich Wasserbau

Koordinaten: 2621 208 / 1265 057

Mittlere Höhe: 425 m ü. M.

| 2015               | Januar                                                                       | Februar                                                        | März                                                         | April                                                          | Mai                                                      | Juni                                                         | Juli                                                           | August                                                           | September                                                    | Oktober                                                    | November                                                 | Dezember                                                   |                                                                              |
|--------------------|------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Tagesmittel</b> | 1 263.55 -<br>2 263.55 -<br>3 263.61 -<br>4 263.63<br>5 263.59               | 263.58<br>263.57<br>263.57<br>263.57<br>263.56                 | 263.58<br>263.63 +<br>263.60<br>263.58<br>263.57             | 263.52 -<br>263.54<br>263.53<br>263.60 +<br>263.60 +           | 263.73 +<br>263.70<br>263.72<br>263.67<br>263.62         | 263.52<br>263.51<br>263.50<br>263.50<br>263.50               | 263.49<br>263.49<br>263.49<br>263.49<br>263.49                 | 263.49<br>263.48<br>263.48<br>263.48<br>263.48                   | 263.50<br>263.50<br>263.48<br>263.48<br>263.47 -             | 263.47 -<br>263.47 -<br>263.47 -<br>263.50<br>263.49       | 263.49<br>263.48 -<br>263.49<br>263.48 -<br>263.48       | 263.49<br>263.49<br>263.48<br>263.48<br>263.49             | 1 263.49<br>2 263.49<br>3 263.48<br>4 263.48<br>5 263.48                     |
|                    | 6 263.58<br>7 263.57<br>8 263.56<br>9 263.56<br>10 263.55 -                  | 263.56<br>263.55<br>263.55<br>263.55<br>263.54                 | 263.56<br>263.56<br>263.55<br>263.55<br>263.55               | 263.56<br>263.55<br>263.55<br>263.54<br>263.54                 | 263.60<br>263.58<br>263.57<br>263.57<br>263.56           | 263.50<br>263.51<br>263.52<br>263.50<br>263.50               | 263.49<br>263.49<br>263.49<br>263.49<br>263.49                 | 263.48<br>263.48<br>263.48<br>263.48<br>263.54 +                 | 263.48<br>263.48<br>263.48<br>263.48<br>263.47 -             | 263.50<br>263.49<br>263.48<br>263.48<br>263.48             | 263.48<br>263.49<br>263.48<br>263.48<br>263.49           | 263.48<br>263.48<br>263.48<br>263.48<br>263.49             | 6 263.48<br>7 263.48<br>8 263.48<br>9 263.50 +<br>10 263.49                  |
| m ü. M.            | 11 263.59<br>12 263.57<br>13 263.56<br>14 263.56<br>15 263.56                | 263.54<br>263.54<br>263.54<br>263.54<br>263.54                 | 263.54<br>263.54<br>263.54<br>263.53<br>263.53               | 263.54<br>263.53<br>263.53<br>263.52 -<br>263.52 -             | 263.55<br>263.54<br>263.54<br>263.54<br>263.56           | 263.50<br>263.54<br>263.51<br>263.54<br>263.63 +             | 263.48 -<br>263.48 -<br>263.48 -<br>263.48 -<br>263.48 -       | 263.49<br>263.48 -<br>263.48 -<br>263.49<br>263.48               | 263.47 -<br>263.47 -<br>263.48<br>263.51<br>263.48           | 263.48<br>263.48<br>263.48<br>263.48<br>263.49             | 263.48<br>263.49<br>263.48<br>263.48<br>263.48           | 263.48<br>263.48<br>263.48<br>263.48<br>263.48             | 11 263.48<br>12 263.48<br>13 263.48<br>14 263.48<br>15 263.48                |
|                    | 16 263.56<br>17 263.65 +<br>18 263.60<br>19 263.58<br>20 263.58              | 263.54<br>263.53 -<br>263.53 -<br>263.53 -<br>263.53 -         | 263.53<br>263.53<br>263.52 -<br>263.52 -<br>263.52 -         | 263.52 -<br>263.54<br>263.55<br>263.52<br>263.52               | 263.54<br>263.53<br>263.52<br>263.52<br>263.53           | 263.58<br>263.54<br>263.54<br>263.55<br>263.54               | 263.48 -<br>263.48 -<br>263.48 -<br>263.48 -<br>263.48 -       | 263.50<br>263.48<br>263.48<br>263.49<br>263.48                   | 263.48<br>263.52 +<br>263.49<br>263.49<br>263.48             | 263.48<br>263.48<br>263.49<br>263.48<br>263.48             | 263.48<br>263.49<br>263.48<br>263.48<br>263.54 +         | 263.50 +<br>263.49<br>263.48<br>263.48<br>263.48           | 16 263.50<br>17 263.49<br>18 263.48<br>19 263.48<br>20 263.48                |
| + Maximum          | 21 263.58<br>22 263.57<br>23 263.57<br>24 263.56<br>25 263.56                | 263.55<br>263.54<br>263.56<br>263.57<br>263.55                 | 263.52<br>263.52<br>263.52<br>263.52<br>263.52               | 263.52<br>263.52<br>263.52<br>263.52<br>263.52                 | 263.53<br>263.52<br>263.52<br>263.52<br>263.55           | 263.54<br>263.53<br>263.53<br>263.52<br>263.51               | 263.48<br>263.49<br>263.49<br>263.50 +<br>263.50 +             | 263.48<br>263.47 -<br>263.48<br>263.52 +<br>263.49               | 263.48<br>263.48<br>263.52 +<br>263.49<br>263.48             | 263.48<br>263.48<br>263.48<br>263.48<br>263.48             | 263.54 +<br>263.50<br>263.49<br>263.48<br>263.52         | 263.49<br>263.48<br>263.48<br>263.48<br>263.48             | 21 263.49<br>22 263.48<br>23 263.48<br>24 263.48<br>25 263.48                |
| - Minimum          | 26 263.55 -<br>27 263.58<br>28 263.58<br>29 263.62<br>30 263.61<br>31 263.59 | 263.54<br>263.60 +<br>263.60 +<br>263.52 -<br>263.54<br>263.53 | 263.53<br>263.53<br>263.52 -<br>263.52 -<br>263.54<br>263.53 | 263.52 -<br>263.52<br>263.56<br>263.53<br>263.52 -<br>263.50 - | 263.54<br>263.52<br>263.51<br>263.51<br>263.51<br>263.50 | 263.51<br>263.50<br>263.50<br>263.50<br>263.49 -<br>263.48 - | 263.48<br>263.50 +<br>263.48<br>263.50 +<br>263.49<br>263.48 - | 263.48<br>263.48<br>263.47 -<br>263.47 -<br>263.47 -<br>263.47 - | 263.48<br>263.48<br>263.47 -<br>263.47 -<br>263.48<br>263.48 | 263.48<br>263.48<br>263.48<br>263.51 +<br>263.48<br>263.48 | 263.52<br>263.48<br>263.50<br>263.49<br>263.49<br>263.48 | 263.48<br>263.48<br>263.48<br>263.49<br>263.47 -<br>263.48 | 26 263.48<br>27 263.48<br>28 263.48<br>29 263.48<br>30 263.47 -<br>31 263.48 |
| Monatsmittel       | 263.58 +                                                                     | 263.55                                                         | 263.54                                                       | 263.54                                                         | 263.56                                                   | 263.52                                                       | 263.49                                                         | 263.48 -                                                         | 263.48 -                                                     | 263.48 -                                                   | 263.49                                                   | 263.48 -                                                   | m ü. M.                                                                      |
| Maximum (Spitze)   | 263.72 03.                                                                   | 263.67 27.                                                     | 263.76 02.                                                   | 263.72 04.                                                     | 263.87 + 01.                                             | 263.86 12.                                                   | 263.64 22.                                                     | 263.80 10.                                                       | 263.62 17.                                                   | 263.58 06.                                                 | 263.70 20.                                               | 263.55 - 02.                                               | m ü. M. Datum                                                                |

**Jahreswerte in m ü. M.** Mittel 263.52 Maximum 263.73 (01.05.2015) Minimum 263.47 (30.08.2015) Spitze 263.87 (01.05.2015)



| Periode                | 1979 – 2015 (37 Jahre) |             |               |               |             |             |               |             |               |             |             |               |                               |
|------------------------|------------------------|-------------|---------------|---------------|-------------|-------------|---------------|-------------|---------------|-------------|-------------|---------------|-------------------------------|
| Monatsmittel           | 263.55 +               | 263.54      | 263.55 +      | 263.54        | 263.53      | 263.52      | 263.51        | 263.50 -    | 263.50 -      | 263.51      | 263.53      | 263.55 +      | m ü. M.                       |
| Maximum (Spitze)       | 263.97 1982            | 264.21 1999 | 263.99 2006   | 264.11 2006   | 264.22 1999 | 264.04 2013 | 264.52 + 1999 | 264.29 2007 | 263.95 - 2006 | 264.05 2002 | 263.98 1995 | 263.95 - 2010 | m ü. M. Jahr                  |
| Minimum (Momentanwert) | 263.47 1990            | 263.46 1987 | 263.48 + 1986 | 263.48 + 1997 | 263.47 1990 | 263.46 1989 | 263.45 1989   | 263.45 1989 | 263.44 - 1988 | 263.45 1985 | 263.45 1985 | 263.45 1985   | m ü. M. Jahr                  |
| Grösstes Jahresmittel  | 263.56 (1982) m ü. M.  |             |               |               |             |             |               |             |               |             |             |               | Periodenmittel 263.53 m ü. M. |
| Kleinstes Jahresmittel | 263.50 (1989) m ü. M.  |             |               |               |             |             |               |             |               |             |             |               |                               |

| Dauer der Tagesmittelwerte des Wasserstandes (erreicht oder überschritten) |        |        |        |        |        |        |        |        |        |        |        |        |         |
|----------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Tage                                                                       | 1      | 3      | 6      | 9      | 18     | 36     | 55     | 73     | 91     | 114    | 137    | 160    |         |
| 2015                                                                       | 263.73 | 263.70 | 263.63 | 263.62 | 263.60 | 263.57 | 263.56 | 263.55 | 263.54 | 263.53 | 263.52 | 263.52 | m ü. M. |
| 1979 - 2015                                                                | 263.75 | 263.69 | 263.66 | 263.64 | 263.61 | 263.58 | 263.57 | 263.56 | 263.55 | 263.54 | 263.53 | 263.53 | m ü. M. |
| Tage                                                                       | 182    | 205    | 228    | 251    | 274    | 292    | 310    | 329    | 347    | 356    | 362    | 365    |         |
| 2015                                                                       | 263.50 | 263.50 | 263.49 | 263.48 | 263.48 | 263.48 | 263.48 | 263.48 | 263.48 | 263.47 | 263.47 | 263.47 | m ü. M. |
| 1979 - 2015                                                                | 263.52 | 263.52 | 263.51 | 263.50 | 263.50 | 263.49 | 263.49 | 263.48 | 263.48 | 263.47 | 263.46 | 263.44 | m ü. M. |