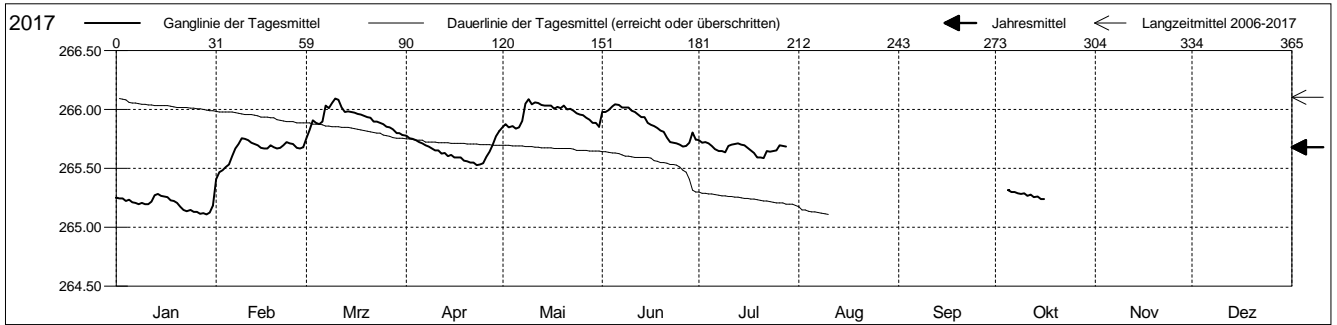


**Grundwasserstände**

Birstal  
 Münchenstein 20.K.60 SBB-Birsbrücke  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

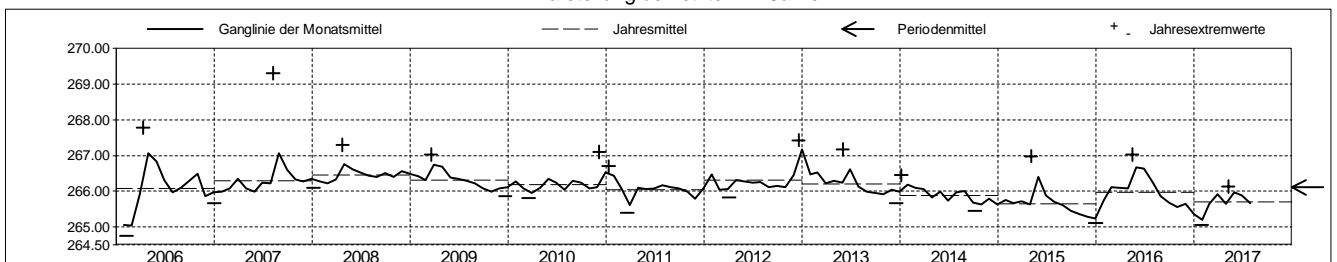
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

| 2017         | Januar   | Februar       | März     | April    | Mai             | Juni     | Juli     | August          | September | Oktober   | November | Dezember |    |
|--------------|----------|---------------|----------|----------|-----------------|----------|----------|-----------------|-----------|-----------|----------|----------|----|
| 1            | 265.25   | 265.41 -      | 265.75 - | 265.78   | 265.85          | 265.98   | 265.74 + |                 |           |           |          |          | 1  |
| 2            | 265.25   | 265.47        | 265.83   | 265.75   | 265.87          | 265.98   | 265.72   |                 |           |           |          |          | 2  |
| 3            | 265.24   | 265.48        | 265.91   | 265.75   | 265.85          | 265.99   | 265.72   |                 |           |           |          |          | 3  |
| 4            | 265.23   | 265.51        | 265.89   | 265.74   | 265.86          | 266.03   | 265.71   |                 |           |           |          |          | 4  |
| 5            | 265.23   | 265.53        | 265.87   | 265.72   | 265.84 -        | 266.05 + | 265.69   |                 |           | 265.32 +  |          |          | 5  |
| Tagesmittel  |          |               |          |          |                 |          |          |                 |           |           |          |          |    |
| 6            | 265.22   | 265.61        | 265.90   | 265.71   | 265.85          | 266.04   | 265.66   |                 |           | 265.30    |          |          | 6  |
| 7            | 265.21   | 265.67        | 266.03   | 265.69   | 265.90          | 266.02   | 265.65   |                 |           | 265.30    |          |          | 7  |
| 8            | 265.20   | 265.70        | 266.01   | 265.69   | 266.05          | 266.02   | 265.65   |                 |           | 265.29    |          |          | 8  |
| 9            | 265.21   | 265.76 +      | 266.05   | 265.67   | 266.09 +        | 266.01   | 265.64   |                 |           | 265.28    |          |          | 9  |
| 10           | 265.20   | 265.75        | 266.09 + | 265.65   | 266.04          | 265.99   | 265.69   |                 |           | 265.29    |          |          | 10 |
| 11           | 265.20   | 265.74        | 266.08   | 265.65   | 266.06          | 265.98   | 265.70   |                 |           | 265.27    |          |          | 11 |
| 12           | 265.22   | 265.72        | 266.02   | 265.62   | 266.05          | 265.96   | 265.71   |                 |           | 265.28    |          |          | 12 |
| 13           | 265.27   | 265.71        | 265.98   | 265.63   | 266.04          | 265.94   | 265.71   |                 |           | 265.26    |          |          | 13 |
| 14           | 265.28 + | 265.70        | 265.99   | 265.60   | 266.03          | 265.94   | 265.70   |                 |           | 265.26    |          |          | 14 |
| Max. +       | 265.26   | 265.68        | 265.98   | 265.61   | 266.03          | 265.88   | 265.70   |                 |           | 265.24    |          |          | 15 |
| 16           | 265.26   | 265.67        | 265.98   | 265.59   | 266.03          | 265.87   | 265.67   |                 |           | 265.24    |          |          | 16 |
| 17           | 265.26   | 265.67        | 265.96   | 265.59   | 266.01          | 265.86   | 265.65   |                 |           |           |          |          | 17 |
| 18           | 265.23   | 265.69        | 265.96   | 265.59   | 266.02          | 265.84   | 265.63   |                 |           |           |          |          | 18 |
| 19           | 265.22   | 265.68        | 265.94   | 265.57   | 266.01          | 265.82   | 265.60   |                 |           |           |          |          | 19 |
| Min. -       | 265.21   | 265.67        | 265.94   | 265.56   | 266.04          | 265.81   | 265.59   |                 |           |           |          |          | 20 |
| 21           | 265.17   | 265.67        | 265.93   | 265.55   | 266.00          | 265.76   | 265.59   |                 |           |           |          |          | 21 |
| 22           | 265.15   | 265.69        | 265.90   | 265.55   | 266.01          | 265.72   | 265.65   |                 |           |           |          |          | 22 |
| 23           | 265.14   | 265.72        | 265.90   | 265.53 - | 265.99          | 265.72   | 265.64   |                 |           |           |          |          | 23 |
| 24           | 265.15   | 265.71        | 265.89   | 265.54   | 265.97          | 265.71   | 265.65   |                 |           |           |          |          | 24 |
| 25           | 265.13   | 265.71        | 265.88   | 265.54   | 265.96          | 265.70   | 265.65   |                 |           |           |          |          | 25 |
| 26           | 265.13   | 265.67        | 265.85   | 265.60   | 265.95          | 265.69 - | 265.70   |                 |           |           |          |          | 26 |
| 27           | 265.12   | 265.67        | 265.85   | 265.64   | 265.93          | 265.69 - | 265.69   |                 |           |           |          |          | 27 |
| 28           | 265.12   | 265.68        | 265.83   | 265.70   | 265.91          | 265.72   | 265.68   |                 |           |           |          |          | 28 |
| 29           | 265.11 - |               | 265.80   | 265.77   | 265.89          | 265.81   |          |                 |           |           |          |          | 29 |
| 30           | 265.12   |               | 265.80   | 265.82 + | 265.89          | 265.75   |          |                 |           |           |          |          | 30 |
| 31           | 265.18   |               | 265.78   |          | 265.85          |          |          |                 |           |           |          |          | 31 |
| Monatsmittel | 265.20 - | 265.66        | 265.92   | 265.65   | 265.96 +        | 265.88   | 265.67   |                 |           |           |          |          |    |
| Maximum      | 265.33 - | 265.79        | 266.13   | 265.86   | 266.14 +        | 266.08   | 265.77   |                 |           | 265.33 -  |          |          |    |
| Datum        | 31.01    | 09.02         | 10.03    | 30.04    | 08.05           | 04.06    | 01.07    |                 |           | 06.10     |          |          |    |
| Amplitude    | 0.26     | 0.47          | 0.43     | 0.38     | 0.35            | 0.46     | 0.24     |                 |           | 0.14      |          |          |    |
| Jahr 2017    | Mittel   | 265.68 m ü.M. |          | Maximum  | 266.14 (08.Mai) |          | Minimum  | 265.06 (29.Jan) |           | Amplitude | 1.07 m   |          |    |



| Periode      | 2006 - 2017 |               |        |         |                      |          |          |                      |        |           |          |        |
|--------------|-------------|---------------|--------|---------|----------------------|----------|----------|----------------------|--------|-----------|----------|--------|
| Monatsmittel | 266.02      | 265.99 -      | 266.08 | 266.21  | 266.31 +             | 266.23   | 266.09   | 266.16               | 266.07 | 265.99 -  | 265.99 - | 266.08 |
| Maximum      | 267.05      | 266.98        | 267.03 | 267.78  | 267.15               | 267.17   | 266.72 - | 269.31 +             | 267.27 | 266.99    | 267.31   | 267.43 |
| Jahr         | 2013        | 2013          | 2009   | 2006    | 2006                 | 2013     | 2016     | 2007                 | 2008   | 2006      | 2012     | 2012   |
| Minimum      | 264.84      | 264.75 -      | 265.17 | 265.39  | 265.55 +             | 265.55 + | 265.53   | 265.49               | 265.33 | 265.19    | 265.18   | 265.11 |
| Jahr         | 2006        | 2006          | 2006   | 2015    | 2015                 | 2014     | 2017     | 2015                 | 2015   | 2017      | 2015     | 2015   |
| Amplitude    | 1.10        | 0.90          | 1.37   | 1.50    | 1.43                 | 0.99     | 0.79 -   | 3.25 +               | 1.17   | 0.98      | 1.24     | 1.16   |
| Jahr         | 2016        | 2013          | 2006   | 2006    | 2015                 | 2013     | 2016     | 2007                 | 2006   | 2006      | 2012     | 2010   |
| Periode      | Mittel      | 266.11 m ü.M. |        | Maximum | 269.31 (09.Aug 2007) |          | Minimum  | 264.75 (08.Feb 2006) |        | Amplitude | 4.56 m   |        |

Darstellung der letzten 12 Jahre

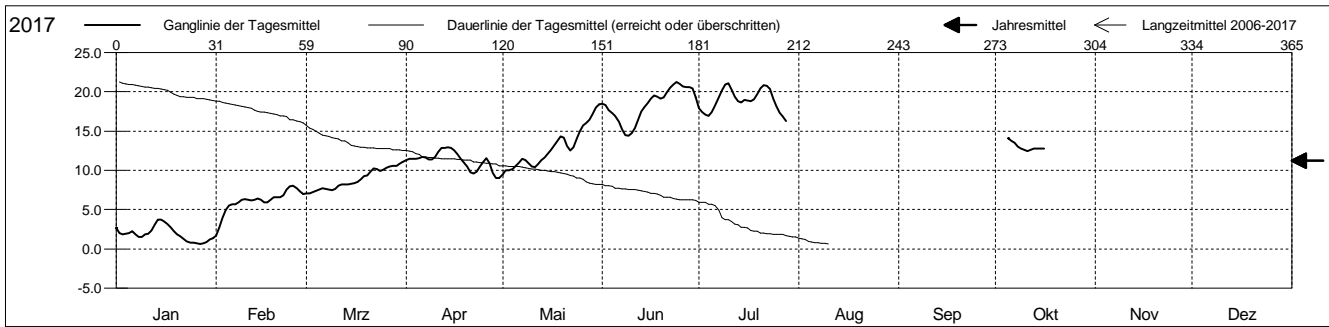


**Grundwassertemperatur**

Birstal  
 Münchenstein 20.K.60 SBB-Birsbrücke  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

| 2017         | Januar | Februar | März   | April   | Mai           | Juni   | Juli    | August       | September | Oktober   | November | Dezember |
|--------------|--------|---------|--------|---------|---------------|--------|---------|--------------|-----------|-----------|----------|----------|
| 1            | 2.7    | 1.7 -   | 7.1 -  | 11.3    | 9.5 -         | 18.5   | 17.9    |              |           |           |          |          |
| 2            | 2.1    | 2.8     | 7.1 -  | 11.5    | 10.0          | 18.3   | 17.5    |              |           |           |          |          |
| 3            | 1.9    | 4.0     | 7.2    | 11.5    | 10.0          | 17.7   | 17.1    |              |           |           |          |          |
| 4            | 2.0    | 5.0     | 7.4    | 11.4    | 10.1          | 17.3   | 17.0    |              |           |           |          |          |
| 5            | 2.0    | 5.6     | 7.6    | 11.6    | 10.6          | 17.0   | 17.4    |              |           | 14.1 +    |          |          |
| 6            | 2.3    | 5.7     | 7.7    | 11.7    | 11.0          | 16.2   | 18.3    |              |           | 13.8      |          |          |
| 7            | 1.9    | 5.7     | 7.6    | 11.6    | 11.5          | 15.2   | 19.3    |              |           | 13.5      |          |          |
| 8            | 1.5    | 6.0     | 7.6    | 11.4    | 11.4          | 14.5   | 20.2    |              |           | 13.0      |          |          |
| 9            | 1.6    | 6.2     | 7.5    | 11.4    | 10.9          | 14.4 - | 21.0    |              |           | 12.8      |          |          |
| 10           | 1.8    | 6.4     | 7.6    | 11.7    | 10.5          | 14.8   | 21.1 +  |              |           | 12.6      |          |          |
| 11           | 1.9    | 6.3     | 8.1    | 12.3    | 10.4          | 15.4   | 20.3    |              |           | 12.5      |          |          |
| 12           | 2.3    | 6.2     | 8.3    | 12.8    | 10.8          | 16.5   | 19.4    |              |           | 12.7      |          |          |
| 13           | 3.1    | 6.3     | 8.2    | 12.9 +  | 11.3          | 17.5   | 18.8    |              |           | 12.8      |          |          |
| 14           | 3.8 +  | 6.4     | 8.3    | 12.9 +  | 11.6          | 18.1   | 18.7    |              |           | 12.8      |          |          |
| 15           | 3.7    | 6.2     | 8.3    | 12.9 +  | 12.1          | 18.6   | 18.9    |              |           | 12.8      |          |          |
| 16           | 3.5    | 6.0     | 8.4    | 12.6    | 12.7          | 19.1   | 18.9    |              |           | 12.8      |          |          |
| 17           | 3.2    | 5.9     | 8.6    | 12.0    | 13.2          | 19.6   | 18.8    |              |           |           |          |          |
| 18           | 2.8    | 6.3     | 8.9    | 11.5    | 13.8          | 19.4   | 19.1    |              |           |           |          |          |
| 19           | 2.3    | 6.6     | 9.2    | 11.0    | 14.3          | 19.2   | 19.7    |              |           |           |          |          |
| 20           | 1.9    | 6.6     | 9.4    | 10.5    | 14.2          | 19.3   | 20.5    |              |           |           |          |          |
| 21           | 1.6    | 6.6     | 9.8    | 9.8     | 13.2          | 19.9   | 20.9    |              |           |           |          |          |
| 22           | 1.3    | 6.8     | 10.2   | 9.6     | 12.5          | 20.5   | 20.8    |              |           |           |          |          |
| 23           | 1.0    | 7.6     | 10.2   | 9.9     | 12.9          | 20.9   | 20.3    |              |           |           |          |          |
| 24           | 0.8    | 8.0     | 9.9    | 10.5    | 14.0          | 21.3 + | 19.2    |              |           |           |          |          |
| 25           | 0.8    | 8.1 +   | 10.1   | 11.1    | 15.0          | 21.1   | 18.2    |              |           |           |          |          |
| 26           | 0.7 -  | 7.7     | 10.3   | 11.6    | 15.7          | 20.7   | 17.4    |              |           |           |          |          |
| 27           | 0.7 -  | 7.3     | 10.5   | 10.9    | 16.0          | 20.6   | 16.9    |              |           |           |          |          |
| 28           | 0.8    | 7.0     | 10.6   | 9.7     | 16.4          | 20.6   | 16.3    |              |           |           |          |          |
| 29           | 0.9    |         | 10.6   | 9.0 -   | 17.2          | 20.4   |         |              |           |           |          |          |
| 30           | 1.2    |         | 10.8   | 9.0 -   | 18.0          | 19.3   |         |              |           |           |          |          |
| 31           | 1.4    |         | 11.1 + |         | 18.4 +        |        |         |              |           |           |          |          |
| Monatsmittel | 1.9 -  | 6.1     | 8.8    | 11.3    | 12.9          | 18.4   | 18.9 +  |              |           |           |          |          |
| Maximum      | 3.9 -  | 8.1     | 11.2   | 13.0    | 18.5          | 21.5 + | 21.3    |              |           | 14.1      |          |          |
| Datum        | 14.01  | 24.02   | 31.03  | 14.04   | 31.05         | 24.06  | 09.07   |              |           | 05.10     |          |          |
| Minimum      | 0.6 -  | 1.6     | 6.9    | 8.9     | 9.3           | 14.3   | 16.2 +  |              |           | 12.4      |          |          |
| Datum        | 27.01  | 01.02   | 01.03  | 29.04   | 01.05         | 09.06  | 28.07   |              |           | 11.10     |          |          |
| Amplitude    | 3.3    | 6.5     | 4.3    | 4.1     | 9.2           | 7.2    | 5.1     |              |           | 1.7       |          |          |
| Jahr 2017    | Mittel | 11.2 °C |        | Maximum | 21.5 (24.Jun) |        | Minimum | 0.6 (27.Jan) |           | Amplitude | 20.9 °C  |          |



| Periode      | 2006 - 2017 |         |      |         |                    |      |         |                   |      |           |         |      |
|--------------|-------------|---------|------|---------|--------------------|------|---------|-------------------|------|-----------|---------|------|
| Monatsmittel | 6.0 -       | 6.1     | 7.9  | 10.4    | 12.8               | 15.3 | 17.2 +  | 16.7              | 14.8 | 12.0      | 9.1     | 6.6  |
| Maximum      | 9.6         | 8.6 -   | 11.9 | 15.1    | 18.5               | 21.5 | 22.2 +  | 21.3              | 20.2 | 15.3      | 12.4    | 9.8  |
| Jahr         | 2007        | 2016    | 2006 | 2007    | 2009               | 2017 | 2015    | 2015              | 2015 | 2009      | 2006    | 2006 |
| Minimum      | 0.6 -       | 1.2     | 4.0  | 6.7     | 9.2                | 10.2 | 12.8    | 13.1 +            | 11.5 | 8.0       | 4.5     | 3.1  |
| Jahr         | 2017        | 2012    | 2010 | 2013    | 2016               | 2013 | 2007    | 2007              | 2008 | 2012      | 2007    | 2010 |
| Amplitude    | 5.2 -       | 6.5     | 7.2  | 6.6     | 9.2 +              | 7.2  | 6.4     | 6.2               | 7.2  | 6.4       | 6.2     | 5.7  |
| Jahr         | 2007        | 2017    | 2006 | 2007    | 2017               | 2017 | 2009    | 2011              | 2015 | 2009      | 2010    | 2009 |
| Periode      | Mittel      | 11.3 °C |      | Maximum | 22.2 (08.Jul 2015) |      | Minimum | 0.6 (27.Jan 2017) |      | Amplitude | 21.6 °C |      |

Darstellung der letzten 12 Jahre

