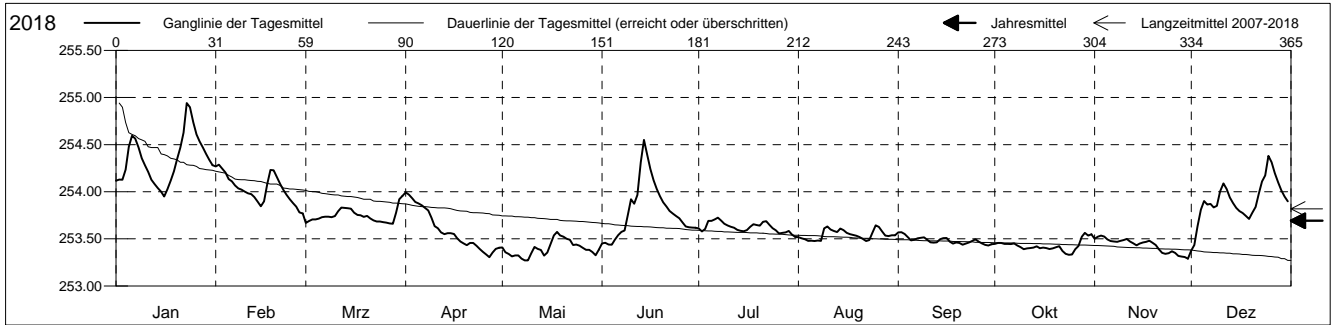


**Grundwasserstände**

Birstal  
 Muttentz 21.R.73 Schänzli  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

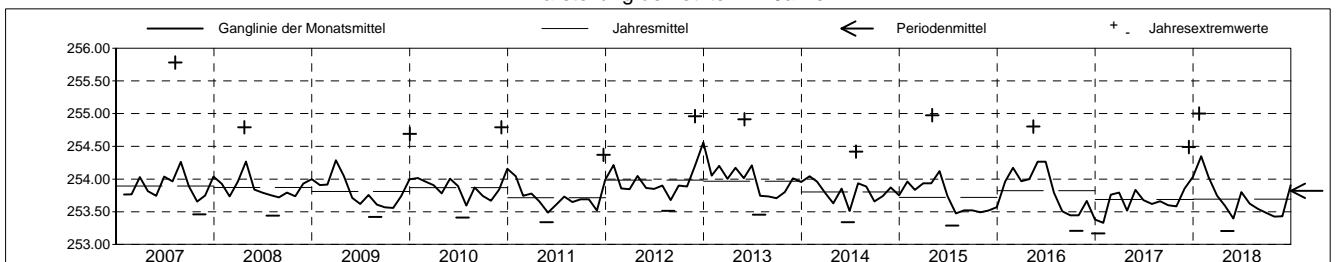
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

| 2018         | Januar   | Februar       | März     | April    | Mai             | Juni     | Juli     | August          | September | Oktober   | November | Dezember |    |
|--------------|----------|---------------|----------|----------|-----------------|----------|----------|-----------------|-----------|-----------|----------|----------|----|
| 1            | 254.12   | 254.27        | 253.67   | 253.99 + | 253.41          | 253.45   | 253.61   | 253.52          | 253.57 +  | 253.45    | 253.50   | 253.38 - | 1  |
| 2            | 254.13   | 254.29 +      | 253.69   | 253.97   | 253.36          | 253.46   | 253.58   | 253.51          | 253.57 +  | 253.46    | 253.52   | 253.43   | 2  |
| 3            | 254.13   | 254.25        | 253.71   | 253.93   | 253.34          | 253.44 - | 253.60   | 253.50          | 253.55    | 253.46    | 253.54 + | 253.63   | 3  |
| 4            | 254.23   | 254.20        | 253.71   | 253.89   | 253.31          | 253.44 - | 253.69   | 253.48 -        | 253.52    | 253.45    | 253.52   | 253.81   | 4  |
| 5            | 254.48   | 254.13        | 253.71   | 253.88   | 253.32          | 253.49   | 253.69   | 253.48 -        | 253.48    | 253.45    | 253.49   | 253.90   | 5  |
| Tagesmittel  |          |               |          |          |                 |          |          |                 |           |           |          |          |    |
| 6            | 254.59   | 254.11        | 253.73   | 253.86   | 253.32          | 253.54   | 253.71   | 253.48 -        | 253.49    | 253.44    | 253.48   | 253.86   | 6  |
| 7            | 254.56   | 254.07        | 253.73   | 253.83   | 253.29          | 253.57   | 253.73 + | 253.48 -        | 253.51    | 253.45    | 253.47   | 253.87   | 7  |
| 8            | 254.47   | 254.04        | 253.74   | 253.80   | 253.27 -        | 253.59   | 253.69   | 253.48 -        | 253.51    | 253.43    | 253.47   | 253.83   | 8  |
| 9            | 254.36   | 254.02        | 253.73   | 253.73   | 253.27 -        | 253.75   | 253.66   | 253.61          | 253.52    | 253.41    | 253.48   | 253.85   | 9  |
| 10           | 254.28   | 254.00        | 253.74   | 253.64   | 253.35          | 253.92   | 253.64   | 253.63          | 253.49    | 253.39    | 253.49   | 254.00   | 10 |
| 11           | 254.21   | 253.98        | 253.79   | 253.61   | 253.42          | 253.87   | 253.63   | 253.60          | 253.46    | 253.40    | 253.50   | 254.09   | 11 |
| 12           | 254.13   | 253.97        | 253.83   | 253.57   | 253.39          | 253.97   | 253.62   | 253.58          | 253.46    | 253.40    | 253.47   | 254.03   | 12 |
| 13           | 254.08   | 253.94        | 253.83   | 253.55   | 253.38          | 254.31   | 253.60   | 253.57          | 253.46    | 253.41    | 253.45   | 253.94   | 13 |
| 14           | 254.04   | 253.89        | 253.83   | 253.56   | 253.32          | 254.55 + | 253.59   | 253.61          | 253.50    | 253.42    | 253.43   | 253.88   | 14 |
| Max. +       | 254.00   | 253.84        | 253.82   | 253.56   | 253.35          | 254.39   | 253.58   | 253.59          | 253.51    | 253.40    | 253.45   | 253.83   | 15 |
| 16           | 253.95 - | 253.90        | 253.78   | 253.55   | 253.44          | 254.24   | 253.59   | 253.56          | 253.51    | 253.41    | 253.46   | 253.79   | 16 |
| 17           | 254.03   | 254.08        | 253.75   | 253.51   | 253.54          | 254.12   | 253.63   | 253.55          | 253.47    | 253.40    | 253.47   | 253.77   | 17 |
| 18           | 254.12   | 254.23        | 253.75   | 253.47   | 253.57 +        | 254.03   | 253.65   | 253.54          | 253.45    | 253.39    | 253.48   | 253.74   | 18 |
| 19           | 254.22   | 254.23        | 253.73   | 253.45   | 253.54          | 253.95   | 253.65   | 253.53          | 253.46    | 253.40    | 253.46   | 253.71   | 19 |
| Min. -       | 254.35   | 254.16        | 253.74   | 253.43   | 253.52          | 253.89   | 253.64   | 253.52          | 253.46    | 253.41    | 253.44   | 253.78   | 20 |
| 21           | 254.47   | 254.08        | 253.72   | 253.46   | 253.50          | 253.84   | 253.68   | 253.50          | 253.44    | 253.42    | 253.39   | 253.84   | 21 |
| 22           | 254.63   | 254.02        | 253.70   | 253.46   | 253.49          | 253.80   | 253.69   | 253.48 -        | 253.45    | 253.37    | 253.35   | 253.98   | 22 |
| 23           | 254.94 + | 253.97        | 253.68   | 253.43   | 253.43          | 253.77   | 253.65   | 253.49          | 253.46    | 253.34    | 253.34   | 254.11   | 23 |
| 24           | 254.90   | 253.92        | 253.68   | 253.39   | 253.44          | 253.74   | 253.61   | 253.57          | 253.48    | 253.33 -  | 253.35   | 254.17   | 24 |
| 25           | 254.74   | 253.88        | 253.68   | 253.36   | 253.43          | 253.72   | 253.59   | 253.64 +        | 253.50    | 253.33 -  | 253.37   | 254.38 + | 25 |
| 26           | 254.61   | 253.84        | 253.67   | 253.33   | 253.41          | 253.67   | 253.56   | 253.63          | 253.47    | 253.39    | 253.35   | 254.31   | 26 |
| 27           | 254.53   | 253.78        | 253.66 - | 253.30 - | 253.38          | 253.63   | 253.56   | 253.58          | 253.45    | 253.43    | 253.32   | 254.20   | 27 |
| 28           | 254.47   | 253.77 -      | 253.66 - | 253.36   | 253.38          | 253.62   | 253.57   | 253.53          | 253.44    | 253.52    | 253.31   | 254.10   | 28 |
| 29           | 254.40   |               | 253.78   | 253.39   | 253.36          | 253.62   | 253.58   | 253.53          | 253.43 -  | 253.56 +  | 253.31   | 254.01   | 29 |
| 30           | 254.34   |               | 253.92   | 253.40   | 253.33          | 253.62   | 253.54   | 253.54          | 253.44    | 253.53    | 253.29 - | 253.95   | 30 |
| 31           | 254.28   |               | 253.96 + |          | 253.38          |          | 253.52 - | 253.54          |           | 253.55    |          | 253.90   | 31 |
| Monatsmittel | 254.35 + | 254.03        | 253.75   | 253.59   | 253.40 -        | 253.80   | 253.62   | 253.54          | 253.48    | 253.43    | 253.43   | 253.91   |    |
| Maximum      | 255.00 + | 254.31        | 253.98   | 254.02   | 253.61          | 254.60   | 253.77   | 253.68          | 253.61    | 253.60    | 253.58 - | 254.43   |    |
| Datum        | 23.01    | 02.02         | 31.03    | 01.04    | 18.05           | 14.06    | 07.07    | 25.08           | 01.09     | 29.10     | 03.11    | 25.12    |    |
| Amplitude    | 1.10     | 0.59          | 0.37     | 0.79     | 0.41            | 1.23     | 0.28     | 0.26            | 0.23      | 0.34      | 0.34     | 1.14     |    |
| Jahr 2018    | Mittel   | 253.69 m ü.M. |          | Maximum  | 255.00 (23.Jan) |          | Minimum  | 253.21 (08.Mai) |           | Amplitude | 1.80 m   |          |    |



| Periode      | 2007 - 2018 |               |        |         |                      |        |         |                      |        |           |        |        |
|--------------|-------------|---------------|--------|---------|----------------------|--------|---------|----------------------|--------|-----------|--------|--------|
| Monatsmittel | 253.96 +    | 253.91        | 253.92 | 253.87  | 253.84               | 253.83 | 253.74  | 253.72               | 253.67 | 253.64 -  | 253.78 | 253.94 |
| Maximum      | 255.00      | 254.75        | 254.51 | 254.85  | 254.97               | 254.91 | 254.42  | 255.78 +             | 254.65 | 254.37 -  | 254.96 | 254.95 |
| Jahr         | 2018        | 2013          | 2009   | 2012    | 2015                 | 2013   | 2014    | 2007                 | 2008   | 2012      | 2012   | 2012   |
| Minimum      | 253.17 -    | 253.45 +      | 253.37 | 253.23  | 253.21               | 253.34 | 253.29  | 253.30               | 253.28 | 253.21    | 253.24 | 253.22 |
| Jahr         | 2017        | 2017          | 2017   | 2018    | 2018                 | 2014   | 2015    | 2016                 | 2016   | 2016      | 2018   | 2016   |
| Amplitude    | 1.11        | 0.90          | 0.81 - | 1.21    | 1.27                 | 1.23   | 1.04    | 2.10 +               | 1.19   | 0.86      | 1.15   | 1.14   |
| Jahr         | 2016        | 2013          | 2017   | 2012    | 2015                 | 2018   | 2014    | 2007                 | 2008   | 2008      | 2012   | 2018   |
| Periode      | Mittel      | 253.82 m ü.M. |        | Maximum | 255.78 (10.Aug 2007) |        | Minimum | 253.17 (12.Jan 2017) |        | Amplitude | 2.61 m |        |

Darstellung der letzten 12 Jahre

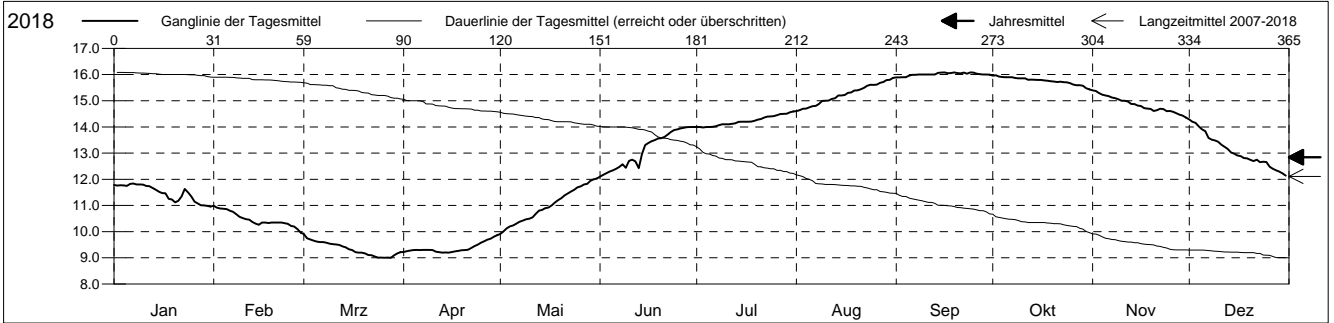


**Grundwassertemperatur**

Birstal  
 Muttentz 21.R.73 Schänzli  
 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

| 2018         | Januar | Februar | März  | April   | Mai           | Juni   | Juli    | August       | September | Oktober   | November | Dezember |    |
|--------------|--------|---------|-------|---------|---------------|--------|---------|--------------|-----------|-----------|----------|----------|----|
| 1            | 11.8 + | 11.0 +  | 9.9 + | 9.2 -   | 9.9 -         | 12.1 - | 14.0 -  | 14.6 -       | 15.9 -    | 16.0 +    | 15.4 +   | 14.3 +   | 1  |
| 2            | 11.8 + | 10.9    | 9.8   | 9.3     | 10.0          | 12.2   | 14.0 -  | 14.6 -       | 15.9 -    | 16.0 +    | 15.4 +   | 14.2     | 2  |
| 3            | 11.8 + | 10.9    | 9.7   | 9.3     | 10.1          | 12.2   | 14.0 -  | 14.7         | 15.9 -    | 15.9      | 15.3     | 14.2     | 3  |
| 4            | 11.8 + | 10.9    | 9.7   | 9.3     | 10.2          | 12.3   | 14.0 -  | 14.7         | 15.9 -    | 15.9      | 15.2     | 14.0     | 4  |
| 5            | 11.8 + | 10.9    | 9.6   | 9.3     | 10.2          | 12.3   | 14.0 -  | 14.8         | 16.0      | 15.9      | 15.2     | 13.9     | 5  |
| Tagesmittel  |        |         |       |         |               |        |         |              |           |           |          |          |    |
| 6            | 11.8 + | 10.8    | 9.6   | 9.3     | 10.3          | 12.4   | 14.0 -  | 14.8         | 16.0      | 15.9      | 15.2     | 13.8     | 6  |
| 7            | 11.8 + | 10.8    | 9.6   | 9.3     | 10.4          | 12.5   | 14.0 -  | 14.8         | 16.0      | 15.9      | 15.1     | 13.6     | 7  |
| 8            | 11.8 + | 10.7    | 9.6   | 9.3     | 10.4          | 12.6   | 14.1    | 14.9         | 16.0      | 15.9      | 15.1     | 13.5     | 8  |
| 9            | 11.8 + | 10.6    | 9.5   | 9.3     | 10.5          | 12.4   | 14.1    | 15.0         | 16.0      | 15.9      | 15.1     | 13.5     | 9  |
| 10           | 11.8 + | 10.5    | 9.5   | 9.3     | 10.5          | 12.7   | 14.1    | 15.0         | 16.0      | 15.9      | 15.0     | 13.4     | 10 |
| 11           | 11.7   | 10.5    | 9.5   | 9.2 -   | 10.5          | 12.8   | 14.1    | 15.0         | 16.0      | 15.9      | 15.0     | 13.3     | 11 |
| 12           | 11.7   | 10.5    | 9.5   | 9.2 -   | 10.7          | 12.7   | 14.1    | 15.1         | 16.0      | 15.8      | 15.0     | 13.2     | 12 |
| 13           | 11.7   | 10.4    | 9.4   | 9.2 -   | 10.8          | 12.4   | 14.1    | 15.1         | 16.0      | 15.8      | 14.9     | 13.2     | 13 |
| 14           | 11.6   | 10.3    | 9.4   | 9.2 -   | 10.8          | 13.0   | 14.2    | 15.2         | 16.1 +    | 15.8      | 14.9     | 13.0     | 14 |
| 15           | 11.5   | 10.3    | 9.3   | 9.2 -   | 10.9          | 13.3   | 14.2    | 15.2         | 16.1 +    | 15.8      | 14.8     | 13.0     | 15 |
| Max. +       |        |         |       |         |               |        |         |              |           |           |          |          |    |
| 16           | 11.5   | 10.4    | 9.3   | 9.2 -   | 10.9          | 13.4   | 14.2    | 15.2         | 16.1 +    | 15.8      | 14.8     | 12.9     | 16 |
| 17           | 11.5   | 10.3    | 9.2   | 9.2 -   | 11.0          | 13.4   | 14.2    | 15.3         | 16.1 +    | 15.8      | 14.7     | 12.9     | 17 |
| 18           | 11.3   | 10.3    | 9.2   | 9.3     | 11.1          | 13.5   | 14.2    | 15.3         | 16.1 +    | 15.8      | 14.7     | 12.8     | 18 |
| 19           | 11.2   | 10.3    | 9.2   | 9.3     | 11.2          | 13.6   | 14.2    | 15.4         | 16.1 +    | 15.8      | 14.7     | 12.8     | 19 |
| 20           | 11.1   | 10.4    | 9.2   | 9.3     | 11.3          | 13.6   | 14.3    | 15.4         | 16.1 +    | 15.7      | 14.6     | 12.7     | 20 |
| Min. -       |        |         |       |         |               |        |         |              |           |           |          |          |    |
| 21           | 11.2   | 10.4    | 9.1   | 9.3     | 11.4          | 13.6   | 14.3    | 15.4         | 16.0      | 15.7      | 14.6     | 12.7     | 21 |
| 22           | 11.3   | 10.4    | 9.1   | 9.4     | 11.5          | 13.7   | 14.4    | 15.5         | 16.1 +    | 15.7      | 14.7     | 12.8     | 22 |
| 23           | 11.6   | 10.3    | 9.1   | 9.4     | 11.5          | 13.8   | 14.4    | 15.6         | 16.0      | 15.7      | 14.7     | 12.6     | 23 |
| 24           | 11.5   | 10.3    | 9.0 - | 9.5     | 11.6          | 13.9   | 14.4    | 15.6         | 16.1 +    | 15.7      | 14.6     | 12.7     | 24 |
| 25           | 11.3   | 10.2    | 9.0 - | 9.6     | 11.7          | 13.9   | 14.4    | 15.6         | 16.1 +    | 15.7      | 14.6     | 12.7     | 25 |
| 26           | 11.2   | 10.2    | 9.0 - | 9.6     | 11.7          | 13.9   | 14.5    | 15.6         | 16.0      | 15.6      | 14.6     | 12.5     | 26 |
| 27           | 11.1   | 10.1    | 9.0 - | 9.7     | 11.8          | 14.0 + | 14.5    | 15.7         | 16.0      | 15.6      | 14.5     | 12.4     | 27 |
| 28           | 11.0 - | 10.0 -  | 9.0 - | 9.7     | 11.8          | 14.0 + | 14.5    | 15.7         | 16.0      | 15.6      | 14.5     | 12.3     | 28 |
| 29           | 11.0 - |         | 9.1   | 9.8     | 11.9          | 14.0 + | 14.5    | 15.8         | 16.0      | 15.6      | 14.4 -   | 12.3     | 29 |
| 30           | 11.0 - |         | 9.2   | 9.9 +   | 12.0 +        | 14.0 + | 14.6 +  | 15.8         | 16.0      | 15.5      | 14.4 -   | 12.2     | 30 |
| 31           | 11.0 - |         | 9.2   |         | 12.0 +        |        | 14.6 +  | 15.9 +       |           | 15.4 -    |          | 12.1 -   | 31 |
| Monatsmittel | 11.5   | 10.5    | 9.3 - | 9.4     | 11.0          | 13.1   | 14.2    | 15.2         | 16.0 +    | 15.8      | 14.9     | 13.1     |    |
| Maximum      | 11.9   | 11.1    | 10.0  | 9.9 -   | 12.1          | 14.0   | 14.6    | 15.9         | 16.1 +    | 16.0      | 15.4     | 14.4     |    |
| Datum        | 03.01  | 01.02   | 01.03 | 30.04   | 31.05         | 25.06  | 29.07   | 31.08        | 11.09     | 01.10     | 01.11    | 01.12    |    |
| Minimum      | 10.9   | 9.9     | 9.0 - | 9.2     | 9.9           | 12.1   | 13.9    | 14.6         | 15.8 +    | 15.4      | 14.2     | 12.1     |    |
| Datum        | 30.01  | 28.02   | 23.03 | 01.04   | 01.05         | 01.06  | 03.07   | 01.08        | 01.09     | 30.10     | 30.11    | 31.12    |    |
| Amplitude    | 1.0    | 1.2     | 1.0   | 0.7     | 2.2           | 1.9    | 0.7     | 1.3          | 0.3       | 0.6       | 1.2      | 2.3      |    |
| Jahr 2018    | Mittel | 12.8 °C |       | Maximum | 16.1 (11.Sep) |        | Minimum | 9.0 (23.Mrz) |           | Amplitude | 7.1 °C   |          |    |



| Periode      | 2007 - 2018 |         |       |         |                    |      |         |                   |        |           |        |       |  |
|--------------|-------------|---------|-------|---------|--------------------|------|---------|-------------------|--------|-----------|--------|-------|--|
| Monatsmittel | 10.8        | 9.8     | 9.2 - | 9.5     | 10.5               | 11.8 | 13.3    | 14.4              | 15.0 + | 14.7      | 13.8   | 12.3  |  |
| Maximum      | 12.9        | 11.5    | 11.0  | 10.8 -  | 12.2               | 14.0 | 14.6    | 15.9              | 16.1 + | 16.0      | 15.4   | 14.4  |  |
| Jahr         | 2016        | 2016    | 2016  | 2016    | 2007               | 2018 | 2011    | 2018              | 2018   | 2018      | 2018   | 2018  |  |
| Minimum      | 8.9         | 8.1     | 7.8 - | 8.1     | 9.1                | 10.2 | 11.2    | 13.0              | 13.7 + | 13.6      | 12.2   | 9.9   |  |
| Jahr         | 2008        | 2009    | 2009  | 2009    | 2008               | 2013 | 2013    | 2013              | 2007   | 2007      | 2010   | 2010  |  |
| Amplitude    | 2.2         | 2.1     | 1.0 - | 1.3     | 2.2                | 1.9  | 2.0     | 1.6               | 1.4    | 1.1       | 1.5    | 2.3 + |  |
| Jahr         | 2010        | 2017    | 2018  | 2017    | 2018               | 2012 | 2017    | 2013              | 2012   | 2008      | 2008   | 2010  |  |
| Periode      | Mittel      | 12.1 °C |       | Maximum | 16.1 (11.Sep 2018) |      | Minimum | 7.8 (11.Mrz 2009) |        | Amplitude | 8.3 °C |       |  |

