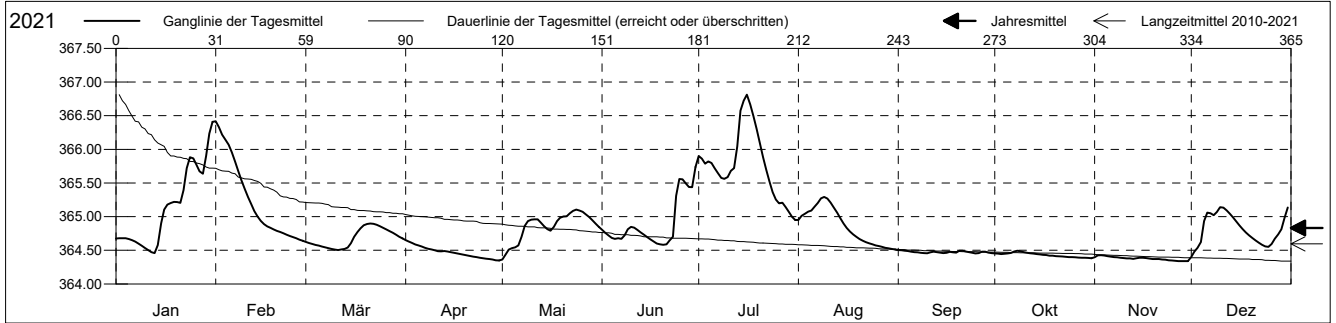


**Grundwasserstände**

Frenketal  
 Bubendorf 33.J.9 RIKU  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

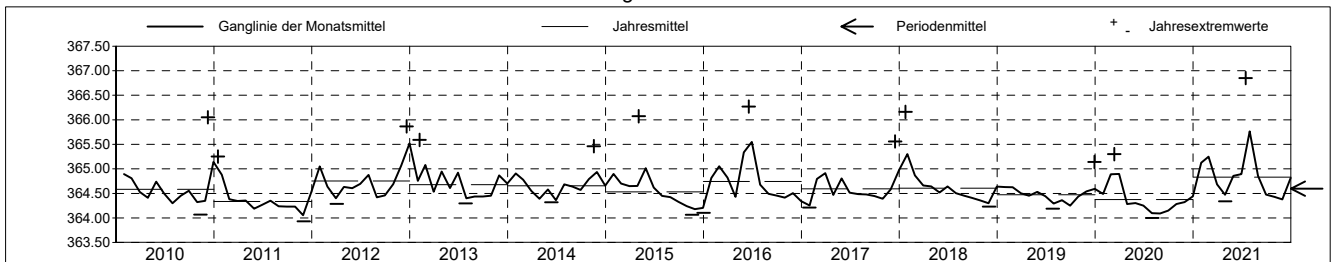
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

| 2021         | Januar   | Februar       | März     | April    | Mai      | Juni            | Juli     | August   | September       | Oktober  | November | Dezember  |        |
|--------------|----------|---------------|----------|----------|----------|-----------------|----------|----------|-----------------|----------|----------|-----------|--------|
| 1            | 364.67   | 366.42 +      | 364.63   | 364.65 + | 364.36 - | 364.80          | 365.90   | 364.95   | 364.50 +        | 364.45   | 364.40   | 364.40 -  | 1      |
| 2            | 364.68   | 366.33        | 364.61   | 364.63   | 364.43   | 364.76          | 365.86   | 365.01   | 364.50 +        | 364.45   | 364.42   | 364.48    | 2      |
| 3            | 364.68   | 366.22        | 364.59   | 364.61   | 364.51   | 364.72          | 365.79   | 365.04   | 364.49          | 364.44   | 364.43 + | 364.54    | 3      |
| 4            | 364.68   | 366.14        | 364.58   | 364.59   | 364.53   | 364.68          | 365.82   | 365.07   | 364.49          | 364.45   | 364.42   | 364.62    | 4      |
| 5            | 364.67   | 366.07        | 364.57   | 364.57   | 364.54   | 364.67          | 365.80   | 365.09   | 364.48          | 364.45   | 364.41   | 364.93    | 5      |
| Tagesmittel  |          |               |          |          |          |                 |          |          |                 |          |          |           |        |
| 6            | 364.65   | 365.95        | 364.56   | 364.55   | 364.57   | 364.68          | 365.72   | 365.15   | 364.47          | 364.46   | 364.41   | 365.06    | 6      |
| 7            | 364.63   | 365.82        | 364.54   | 364.54   | 364.70   | 364.67          | 365.65   | 365.20   | 364.47          | 364.48   | 364.40   | 365.05    | 7      |
| 8            | 364.60   | 365.68        | 364.53   | 364.52   | 364.86   | 364.72          | 365.58   | 365.27   | 364.46          | 364.49 + | 364.40   | 365.02    | 8      |
| 9            | 364.57   | 365.54        | 364.52   | 364.51   | 364.93   | 364.81          | 365.56   | 365.29 + | 364.46          | 364.48   | 364.39   | 365.07    | 9      |
| 10           | 364.54   | 365.42        | 364.51   | 364.50   | 364.96   | 364.85          | 365.59   | 365.27   | 364.46          | 364.47   | 364.38   | 365.14 +  | 10     |
| 11           | 364.50   | 365.29        | 364.50 - | 364.49   | 364.96   | 364.84          | 365.68   | 365.21   | 364.47          | 364.46   | 364.38   | 365.13    | 11     |
| 12           | 364.47   | 365.19        | 364.51   | 364.48   | 364.96   | 364.80          | 365.72   | 365.14   | 364.48          | 364.46   | 364.38   | 365.09    | 12     |
| 13           | 364.46 - | 365.08        | 364.52   | 364.49   | 364.91   | 364.77          | 366.04   | 365.06   | 364.47          | 364.45   | 364.37   | 365.04    | 13     |
| 14           | 364.58   | 365.00        | 364.54   | 364.48   | 364.86   | 364.73          | 366.58   | 364.98   | 364.47          | 364.44   | 364.38   | 364.99    | 14     |
| 15           | 364.90   | 364.94        | 364.60   | 364.47   | 364.82   | 364.70          | 366.72   | 364.90   | 364.46          | 364.44   | 364.39   | 364.93    | 15     |
| Max. +       |          |               |          |          |          |                 |          |          |                 |          |          |           |        |
| 16           | 365.10   | 364.89        | 364.70   | 364.46   | 364.79   | 364.66          | 366.81 + | 364.83   | 364.46          | 364.43   | 364.39   | 364.87    | 16     |
| 17           | 365.18   | 364.86        | 364.77   | 364.45   | 364.85   | 364.63          | 366.67   | 364.78   | 364.48          | 364.43   | 364.38   | 364.82    | 17     |
| 18           | 365.20   | 364.84        | 364.83   | 364.44   | 364.93   | 364.60          | 366.49   | 364.74   | 364.47          | 364.42   | 364.38   | 364.77    | 18     |
| 19           | 365.22   | 364.81        | 364.87   | 364.43   | 364.98   | 364.59          | 366.30   | 364.70   | 364.47          | 364.42   | 364.37   | 364.72    | 19     |
| 20           | 365.22   | 364.79        | 364.89   | 364.42   | 365.00   | 364.58 -        | 366.10   | 364.67   | 364.49          | 364.41   | 364.37   | 364.68    | 20     |
| Min. -       |          |               |          |          |          |                 |          |          |                 |          |          |           |        |
| 21           | 365.21   | 364.77        | 364.90 + | 364.42   | 365.01   | 364.59          | 365.89   | 364.64   | 364.49          | 364.41   | 364.37   | 364.65    | 21     |
| 22           | 365.39   | 364.75        | 364.89   | 364.41   | 365.05   | 364.65          | 365.70   | 364.62   | 364.48          | 364.41   | 364.36   | 364.61    | 22     |
| 23           | 365.72   | 364.73        | 364.88   | 364.40   | 365.09   | 364.70          | 365.52   | 364.60   | 364.47          | 364.40   | 364.36   | 364.58    | 23     |
| 24           | 365.88   | 364.71        | 364.86   | 364.39   | 365.11 + | 365.31          | 365.36   | 364.59   | 364.46          | 364.40   | 364.35   | 364.56    | 24     |
| 25           | 365.87   | 364.70        | 364.83   | 364.38   | 365.09   | 365.56          | 365.26   | 364.57   | 364.45 -        | 364.40   | 364.35   | 364.55    | 25     |
| 26           | 365.77   | 364.68        | 364.81   | 364.38   | 365.07   | 365.55          | 365.20   | 364.56   | 364.46          | 364.40   | 364.34 - | 364.60    | 26     |
| 27           | 365.67   | 364.66        | 364.78   | 364.37   | 365.03   | 365.50          | 365.21   | 364.55   | 364.48          | 364.39   | 364.34 - | 364.67    | 27     |
| 28           | 365.64   | 364.64 -      | 364.76   | 364.36   | 364.99   | 365.44          | 365.14   | 364.54   | 364.48          | 364.39   | 364.34 - | 364.74    | 28     |
| 29           | 365.90   |               | 364.73   | 364.35 - | 364.95   | 365.44          | 365.07   | 364.53   | 364.47          | 364.39   | 364.34 - | 364.81    | 29     |
| 30           | 366.23   |               | 364.70   | 364.35 - | 364.90   | 365.74 +        | 365.00   | 364.52   | 364.46          | 364.39   | 364.34 - | 364.98    | 30     |
| 31           | 366.41 + |               | 364.68   |          | 364.85   |                 | 364.95 - | 364.51 - |                 | 364.38 - |          | 365.14 +  | 31     |
| Monatsmittel | 365.13   | 365.25        | 364.68   | 364.47   | 364.86   | 364.89          | 365.76 + | 364.86   | 364.47          | 364.43   | 364.38 - | 364.81    |        |
| Maximum      | 366.44   | 366.45        | 364.90   | 364.66   | 365.11   | 365.88          | 366.85 + | 365.30   | 364.51          | 364.50   | 364.43 - | 365.17    |        |
| Datum        | 31.01    | 01.02         | 20.03    | 01.04    | 24.05    | 30.06           | 15.07    | 09.08    | 01.09           | 08.10    | 02.11    | 31.12     |        |
| Amplitude    | 1.98     | 1.82          | 0.40     | 0.32     | 0.75     | 1.30            | 1.92     | 0.79     | 0.06            | 0.12     | 0.09     | 0.82      |        |
| Jahr 2021    | Mittel   | 364.83 m ü.M. |          |          | Maximum  | 366.85 (15.Jul) |          | Minimum  | 364.34 (30.Apr) |          |          | Amplitude | 2.51 m |



| Periode      | 2010 - 2021 |               |          |        |         |                      |          |         |                      |        |        |           |        |
|--------------|-------------|---------------|----------|--------|---------|----------------------|----------|---------|----------------------|--------|--------|-----------|--------|
| Monatsmittel | 364.83 +    | 364.82        | 364.62   | 364.51 | 364.67  | 364.64               | 364.57   | 364.45  | 364.40 -             | 364.42 | 364.51 | 364.71    |        |
| Maximum      | 366.44      | 366.45        | 365.51   | 365.29 | 366.19  | 366.27               | 366.85 + | 365.30  | 365.06 -             | 365.36 | 365.85 | 366.05    |        |
| Jahr         | 2021        | 2021          | 2017     | 2013   | 2016    | 2016                 | 2021     | 2021    | 2010                 | 2012   | 2012   | 2010      |        |
| Minimum      | 364.10      | 364.28        | 364.30 + | 364.16 | 364.14  | 364.15               | 364.01   | 364.00  | 364.04               | 364.15 | 363.95 | 363.93 -  |        |
| Jahr         | 2016        | 2020          | 2011     | 2020   | 2011    | 2011                 | 2020     | 2020    | 2020                 | 2011   | 2011   | 2011      |        |
| Amplitude    | 1.98 +      | 1.82          | 0.97     | 0.80   | 1.57    | 1.40                 | 1.92     | 0.86    | 0.72 -               | 1.03   | 1.25   | 1.57      |        |
| Jahr         | 2021        | 2021          | 2017     | 2012   | 2015    | 2016                 | 2021     | 2010    | 2010                 | 2012   | 2012   | 2010      |        |
| Periode      | Mittel      | 364.60 m ü.M. |          |        | Maximum | 366.85 (15.Jul 2021) |          | Minimum | 363.93 (02.Dez 2011) |        |        | Amplitude | 2.92 m |

Darstellung der letzten 12 Jahre



**Grundwassertemperatur**

Frenketal

Bubendorf

Abstichpunkt: 0.00

OK Terrain: 0.00

33.J.9

RIKU

m ü.M.

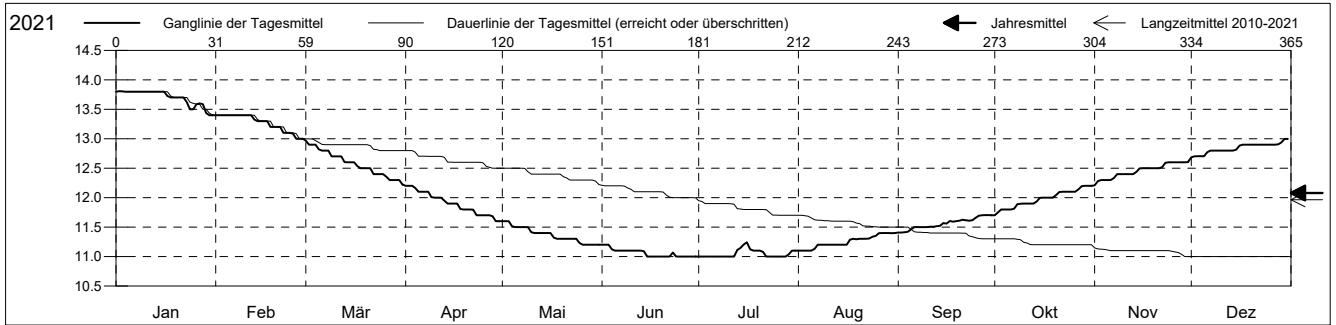
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

Koordinaten: 0.00 / 0.00

| 2021         | Januar | Februar | März   | April   | Mai           | Juni   | Juli    | August        | September | Oktober   | November | Dezember |    |
|--------------|--------|---------|--------|---------|---------------|--------|---------|---------------|-----------|-----------|----------|----------|----|
| 1            | 13.8 + | 13.4 +  | 13.0 + | 12.2 +  | 11.6 +        | 11.2 + | 11.0 -  | 11.1 -        | 11.4 -    | 11.7 -    | 12.2 -   | 12.7 -   | 1  |
| 2            | 13.8 + | 13.4 +  | 12.9   | 12.2 +  | 11.6 +        | 11.2 + | 11.0 -  | 11.1 -        | 11.4 -    | 11.8      | 12.3     | 12.7 -   | 2  |
| 3            | 13.8 + | 13.4 +  | 12.9   | 12.2 +  | 11.6 +        | 11.2 + | 11.0 -  | 11.1 -        | 11.4 -    | 11.8      | 12.3     | 12.7 -   | 3  |
| 4            | 13.8 + | 13.4 +  | 12.9   | 12.2 +  | 11.5          | 11.1   | 11.0 -  | 11.1 -        | 11.4 -    | 11.8      | 12.3     | 12.7 -   | 4  |
| 5            | 13.8 + | 13.4 +  | 12.8   | 12.1    | 11.5          | 11.1   | 11.0 -  | 11.1 -        | 11.5      | 11.8      | 12.3     | 12.7 -   | 5  |
| Tagesmittel  |        |         |        |         |               |        |         |               |           |           |          |          |    |
| 6            | 13.8 + | 13.4 +  | 12.8   | 12.1    | 11.5          | 11.1   | 11.0 -  | 11.1 -        | 11.5      | 11.8      | 12.3     | 12.8     | 6  |
| 7            | 13.8 + | 13.4 +  | 12.8   | 12.1    | 11.5          | 11.1   | 11.0 -  | 11.2          | 11.5      | 11.8      | 12.3     | 12.8     | 7  |
| 8            | 13.8 + | 13.4 +  | 12.8   | 12.1    | 11.5          | 11.1   | 11.0 -  | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 8  |
| 9            | 13.8 + | 13.4 +  | 12.7   | 12.0    | 11.5          | 11.1   | 11.0 -  | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 9  |
| 10           | 13.8 + | 13.4 +  | 12.7   | 12.0    | 11.4          | 11.1   | 11.0 -  | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 10 |
| 11           | 13.8 + | 13.4 +  | 12.7   | 12.0    | 11.4          | 11.1   | 11.0 -  | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 11 |
| 12           | 13.8 + | 13.4 +  | 12.7   | 12.0    | 11.4          | 11.1   | 11.0 -  | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 12 |
| 13           | 13.8 + | 13.3    | 12.6   | 11.9    | 11.4          | 11.1   | 11.1    | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 13 |
| 14           | 13.8 + | 13.3    | 12.6   | 11.9    | 11.4          | 11.1   | 11.1    | 11.2          | 11.5      | 11.9      | 12.4     | 12.8     | 14 |
| 15           | 13.8 + | 13.3    | 12.6   | 11.9    | 11.4          | 11.0 - | 11.2 +  | 11.2          | 11.6      | 12.0      | 12.5     | 12.8     | 15 |
| Max. +       |        |         |        |         |               |        |         |               |           |           |          |          |    |
| 16           | 13.8 + | 13.3    | 12.6   | 11.9    | 11.4          | 11.0 - | 11.2 +  | 11.2          | 11.6      | 12.0      | 12.5     | 12.9     | 16 |
| 17           | 13.7   | 13.3    | 12.5   | 11.9    | 11.3          | 11.0 - | 11.1    | 11.3          | 11.6      | 12.0      | 12.5     | 12.9     | 17 |
| 18           | 13.7   | 13.2    | 12.5   | 11.8    | 11.3          | 11.0 - | 11.1    | 11.3          | 11.6      | 12.0      | 12.5     | 12.9     | 18 |
| 19           | 13.7   | 13.2    | 12.5   | 11.8    | 11.3          | 11.0 - | 11.1    | 11.3          | 11.6      | 12.0      | 12.5     | 12.9     | 19 |
| 20           | 13.7   | 13.2    | 12.5   | 11.8    | 11.3          | 11.0 - | 11.1    | 11.3          | 11.6      | 12.0      | 12.5     | 12.9     | 20 |
| Min. -       |        |         |        |         |               |        |         |               |           |           |          |          |    |
| 21           | 13.7   | 13.2    | 12.5   | 11.8    | 11.3          | 11.0 - | 11.1    | 11.3          | 11.6      | 12.1      | 12.5     | 12.9     | 21 |
| 22           | 13.7   | 13.1    | 12.4   | 11.8    | 11.3          | 11.0 - | 11.0 -  | 11.3          | 11.6      | 12.1      | 12.5     | 12.9     | 22 |
| 23           | 13.6   | 13.1    | 12.4   | 11.7    | 11.3          | 11.1   | 11.0 -  | 11.3          | 11.6      | 12.1      | 12.6 +   | 12.9     | 23 |
| 24           | 13.5   | 13.1    | 12.4   | 11.7    | 11.3          | 11.0 - | 11.0 -  | 11.3          | 11.6      | 12.1      | 12.6 +   | 12.9     | 24 |
| 25           | 13.5   | 13.1    | 12.4   | 11.7    | 11.2 -        | 11.0 - | 11.0 -  | 11.4 +        | 11.7 +    | 12.1      | 12.6 +   | 12.9     | 25 |
| 26           | 13.6   | 13.0 -  | 12.4   | 11.7    | 11.2 -        | 11.0 - | 11.0 -  | 11.4 +        | 11.7 +    | 12.1      | 12.6 +   | 12.9     | 26 |
| 27           | 13.6   | 13.0 -  | 12.3   | 11.7    | 11.2 -        | 11.0 - | 11.0 -  | 11.4 +        | 11.7 +    | 12.1      | 12.6 +   | 12.9     | 27 |
| 28           | 13.6   | 13.0 -  | 12.3   | 11.7    | 11.2 -        | 11.0 - | 11.0 -  | 11.4 +        | 11.7 +    | 12.2 +    | 12.6 +   | 12.9     | 28 |
| 29           | 13.4 - |         | 12.3   | 11.6 -  | 11.2 -        | 11.0 - | 11.0 -  | 11.4 +        | 11.7 +    | 12.2 +    | 12.6 +   | 12.9     | 29 |
| 30           | 13.4 - |         | 12.3   | 11.6 -  | 11.2 -        | 11.0 - | 11.1    | 11.4 +        | 11.7 +    | 12.2 +    | 12.6 +   | 13.0 +   | 30 |
| 31           | 13.4 - |         | 12.2 - |         | 11.2 -        |        | 11.1    | 11.4 +        |           | 12.2 +    |          | 13.0 +   | 31 |
| Monatsmittel | 13.7 + | 13.3    | 12.6   | 11.9    | 11.4          | 11.1   | 11.0 -  | 11.3          | 11.6      | 12.0      | 12.5     | 12.8     |    |
| Maximum      | 13.9 + | 13.4    | 13.0   | 12.2    | 11.6          | 11.5   | 11.3 -  | 11.5          | 11.8      | 12.2      | 12.7     | 13.0     |    |
| Datum        | 02.01  | 01.02   | 01.03  | 01.04   | 01.05         | 23.06  | 13.07   | 31.08         | 28.09     | 27.10     | 30.11    | 28.12    |    |
| Minimum      | 13.4 + | 13.0    | 12.2   | 11.6    | 11.2          | 11.0 - | 11.0 -  | 11.1          | 11.4      | 11.7      | 12.2     | 12.6     |    |
| Datum        | 29.01  | 25.02   | 31.03  | 28.04   | 25.05         | 14.06  | 01.07   | 01.08         | 01.09     | 01.10     | 01.11    | 01.12    |    |
| Amplitude    | 0.5    | 0.4     | 0.8    | 0.6     | 0.4           | 0.5    | 0.3     | 0.4           | 0.4       | 0.5       | 0.5      | 0.4      |    |
| Jahr 2021    | Mittel | 12.1 °C |        | Maximum | 13.9 (02.Jan) |        | Minimum | 11.0 (14.Jun) |           | Amplitude | 2.9 °C   |          |    |



| Periode      | 2010 - 2021 |         |       |         |                    |        |         |                    |      |           |        |        |  |
|--------------|-------------|---------|-------|---------|--------------------|--------|---------|--------------------|------|-----------|--------|--------|--|
| Monatsmittel | 13.3        | 12.8    | 12.1  | 11.4    | 10.8               | 10.6 - | 10.7    | 11.2               | 11.8 | 12.5      | 13.1   | 13.4 + |  |
| Maximum      | 14.0        | 13.5    | 13.0  | 12.2    | 11.6               | 11.5   | 11.4 -  | 11.9               | 12.6 | 13.4      | 13.8   | 14.1 + |  |
| Jahr         | 2019        | 2019    | 2021  | 2021    | 2021               | 2021   | 2020    | 2018               | 2018 | 2018      | 2018   | 2018   |  |
| Minimum      | 12.6 +      | 12.0    | 11.2  | 10.4    | 10.1               | 10.0 - | 10.1    | 10.4               | 10.9 | 11.6      | 12.2   | 12.6 + |  |
| Jahr         | 2011        | 2011    | 2017  | 2017    | 2017               | 2017   | 2017    | 2013               | 2013 | 2013      | 2021   | 2021   |  |
| Amplitude    | 0.7         | 0.7     | 1.0 + | 0.8     | 0.6                | 0.6    | 0.6     | 0.8                | 0.9  | 0.9       | 0.6    | 0.4 -  |  |
| Jahr         | 2018        | 2018    | 2017  | 2017    | 2013               | 2016   | 2017    | 2018               | 2017 | 2015      | 2013   | 2011   |  |
| Periode      | Mittel      | 12.0 °C |       | Maximum | 14.1 (10.Dez 2018) |        | Minimum | 10.0 (02.Jun 2017) |      | Amplitude | 4.1 °C |        |  |

Darstellung der letzten 12 Jahre

