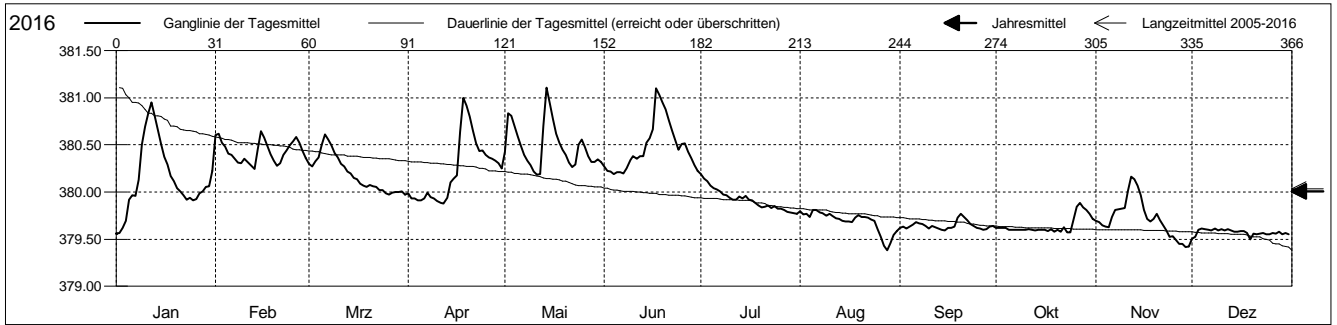


**Grundwasserstände**

Laufental  
Liesberg 118.A.1 Bebrunnenmatten  
Abstichpunkt: 0.00 m ü.M.  
OK Terrain: 0.00 m ü.M.

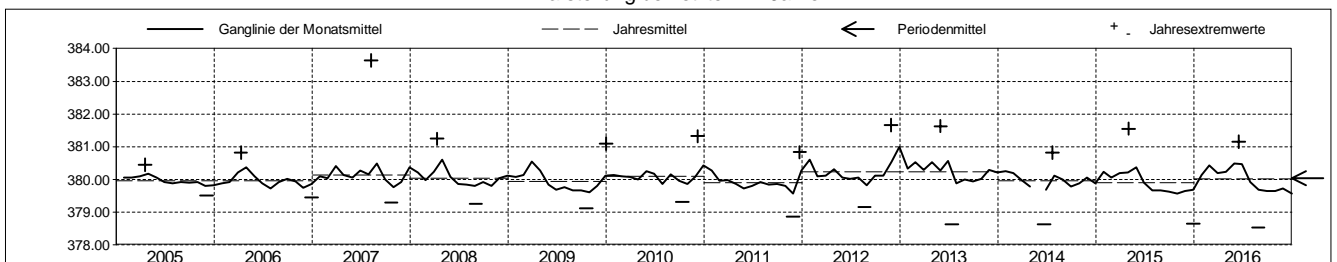
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
Koordinaten: 0.00 / 0.00

| 2016         | Januar   | Februar       | März     | April    | Mai             | Juni     | Juli     | August          | September | Oktober   | November | Dezember |    |
|--------------|----------|---------------|----------|----------|-----------------|----------|----------|-----------------|-----------|-----------|----------|----------|----|
| 1            | 379.56 - | 380.60        | 380.30   | 379.99   | 380.43          | 380.27   | 380.19 + | 379.79          | 379.62    | 379.62    | 379.69   | 379.50 - | 1  |
| 2            | 379.57   | 380.62        | 380.27   | 379.93   | 380.84          | 380.23   | 380.14   | 379.76          | 379.63    | 379.62    | 379.68   | 379.53   | 2  |
| 3            | 379.62   | 380.52        | 380.33   | 379.93   | 380.81          | 380.22   | 380.12   | 379.77          | 379.61    | 379.62    | 379.64   | 379.60   | 3  |
| 4            | 379.70   | 380.48        | 380.37   | 379.91   | 380.70          | 380.19 - | 380.07   | 379.74          | 379.63    | 379.62    | 379.64   | 379.61 + | 4  |
| 5            | 379.92   | 380.41        | 380.50   | 379.91   | 380.59          | 380.21   | 380.04   | 379.81 +        | 379.65    | 379.60    | 379.62   | 379.60   | 5  |
| Tagesmittel  |          |               |          |          |                 |          |          |                 |           |           |          |          |    |
| 6            | 379.96   | 380.40        | 380.61 + | 379.93   | 380.49          | 380.21   | 380.03   | 379.81 +        | 379.68    | 379.60    | 379.73   | 379.60   | 6  |
| 7            | 379.96   | 380.35        | 380.56   | 380.00   | 380.39          | 380.20   | 380.01   | 379.78          | 379.66    | 379.60    | 379.81   | 379.59   | 7  |
| 8            | 380.13   | 380.31        | 380.50   | 379.94   | 380.33          | 380.25   | 379.97   | 379.78          | 379.66    | 379.60    | 379.82   | 379.61 + | 8  |
| 9            | 380.50   | 380.30        | 380.41   | 379.93   | 380.28          | 380.34   | 379.97   | 379.75          | 379.64    | 379.60    | 379.82   | 379.59   | 9  |
| 10           | 380.69   | 380.35        | 380.37   | 379.91   | 380.22          | 380.38   | 379.94   | 379.77          | 379.61    | 379.60    | 379.83   | 379.61 + | 10 |
| 11           | 380.83   | 380.32        | 380.30   | 379.89   | 380.18 -        | 380.35   | 379.92   | 379.75          | 379.64    | 379.60    | 380.02   | 379.59   | 11 |
| 12           | 380.95 + | 380.28        | 380.27   | 379.88 - | 380.19          | 380.38   | 379.92   | 379.72          | 379.62    | 379.60    | 380.16 + | 379.60   | 12 |
| 13           | 380.81   | 380.25 -      | 380.22   | 379.94   | 380.70          | 380.38   | 379.95   | 379.72          | 379.61    | 379.59    | 380.14   | 379.59   | 13 |
| 14           | 380.66   | 380.45        | 380.20   | 380.10   | 381.11 +        | 380.52   | 379.93   | 379.69          | 379.60 -  | 379.60    | 380.07   | 379.58   | 14 |
| Max. +       | 380.51   | 380.65 +      | 380.15   | 380.14   | 380.94          | 380.57   | 379.96   | 379.69          | 379.60 -  | 379.60    | 379.97   | 379.58   | 15 |
| 16           | 380.37   | 380.58        | 380.13   | 380.17   | 380.77          | 380.67   | 379.92   | 379.69          | 379.62    | 379.60    | 379.81   | 379.59   | 16 |
| 17           | 380.29   | 380.49        | 380.08   | 380.64   | 380.62          | 381.10 + | 379.91   | 379.68          | 379.62    | 379.59    | 379.72   | 379.58   | 17 |
| 18           | 380.17   | 380.40        | 380.07   | 381.00 + | 380.52          | 381.03   | 379.89   | 379.73          | 379.63    | 379.61    | 379.69   | 379.57   | 18 |
| 19           | 380.12   | 380.33        | 380.06   | 380.92   | 380.45          | 380.95   | 379.86   | 379.75          | 379.73    | 379.58    | 379.72   | 379.50 - | 19 |
| Min. -       | 380.04   | 380.27        | 380.07   | 380.80   | 380.39          | 380.88   | 379.84   | 379.74          | 379.77 +  | 379.60    | 379.77   | 379.56   | 20 |
| 21           | 380.00   | 380.30        | 380.06   | 380.65   | 380.31          | 380.76   | 379.84   | 379.73          | 379.74    | 379.58    | 379.70   | 379.55   | 21 |
| 22           | 379.96   | 380.40        | 380.05   | 380.52   | 380.27          | 380.65   | 379.86   | 379.73          | 379.70    | 379.63    | 379.65   | 379.56   | 22 |
| 23           | 379.92   | 380.44        | 380.02   | 380.44   | 380.29          | 380.55   | 379.83   | 379.70          | 379.66    | 379.57 -  | 379.59   | 379.57   | 23 |
| 24           | 379.94   | 380.50        | 380.02   | 380.44   | 380.50          | 380.45   | 379.85   | 379.70          | 379.64    | 379.57 -  | 379.52   | 379.55   | 24 |
| 25           | 379.91   | 380.54        | 379.98 - | 380.39   | 380.56          | 380.51   | 379.82   | 379.60          | 379.62    | 379.71    | 379.53   | 379.55   | 25 |
| 26           | 379.93   | 380.58        | 379.98 - | 380.37   | 380.48          | 380.52   | 379.82   | 379.52          | 379.61    | 379.84    | 379.49   | 379.56   | 26 |
| 27           | 379.98   | 380.52        | 379.99   | 380.35   | 380.38          | 380.43   | 379.81   | 379.43          | 379.60 -  | 379.88 +  | 379.45   | 379.55   | 27 |
| 28           | 380.01   | 380.44        | 380.00   | 380.33   | 380.32          | 380.36   | 379.79   | 379.38 -        | 379.61    | 379.84    | 379.45   | 379.58   | 28 |
| 29           | 380.05   | 380.36        | 380.00   | 380.31   | 380.32          | 380.29   | 379.78   | 379.46          | 379.63    | 379.81    | 379.41 - | 379.55   | 29 |
| 30           | 380.06   |               | 380.00   | 380.25   | 380.34          | 380.22   | 379.78   | 379.54          | 379.64    | 379.77    | 379.42   | 379.57   | 30 |
| 31           | 380.22   |               | 380.98 - |          | 380.32          |          | 379.77 - |                 |           |           |          | 379.55   | 31 |
| Monatsmittel | 380.14   | 380.43        | 380.19   | 380.23   | 380.49 +        | 380.47   | 379.92   | 379.69          | 379.64    | 379.64    | 379.72   | 379.57 - |    |
| Maximum      | 381.01   | 380.68        | 380.64   | 381.04   | 381.14          | 381.15 + | 380.22   | 379.83          | 379.79    | 379.89    | 380.19   | 379.66 - |    |
| Datum        | 11.01    | 01.02         | 06.03    | 18.04    | 14.05           | 17.06    | 01.07    | 06.08           | 20.09     | 27.10     | 12.11    | 05.12    |    |
| Amplitude    | 2.03     | 0.82          | 1.07     | 1.59     | 1.26            | 1.33     | 0.90     | 1.30            | 0.73      | 0.90      | 1.56     | 0.90     |    |
| Jahr 2016    | Mittel   | 380.01 m ü.M. |          | Maximum  | 381.15 (17.Jun) |          | Minimum  | 378.53 (28.Aug) |           | Amplitude | 2.62 m   |          |    |



| Periode      | 2005 - 2016 |               |        |          |                      |        |         |                      |        |           |        |        |  |
|--------------|-------------|---------------|--------|----------|----------------------|--------|---------|----------------------|--------|-----------|--------|--------|--|
| Monatsmittel | 380.19      | 380.12        | 380.19 | 380.20 + | 380.11               | 380.02 | 379.90  | 379.91               | 379.87 | 379.82 -  | 379.93 | 380.11 |  |
| Maximum      | 381.19      | 381.26        | 381.16 | 381.34   | 381.55               | 381.63 | 380.82  | 383.64 +             | 380.82 | 380.78 -  | 381.66 | 381.50 |  |
| Jahr         | 2012        | 2013          | 2007   | 2012     | 2015                 | 2013   | 2014    | 2007                 | 2008   | 2012      | 2012   | 2012   |  |
| Minimum      | 378.99      | 379.44 +      | 379.26 | 379.02   | 379.17               | 378.62 | 378.62  | 378.53 -             | 378.84 | 378.85    | 378.63 | 378.66 |  |
| Jahr         | 2016        | 2007          | 2014   | 2014     | 2011                 | 2014   | 2013    | 2016                 | 2015   | 2015      | 2016   | 2015   |  |
| Amplitude    | 2.03        | 1.16 -        | 1.46   | 1.59     | 2.10                 | 1.63   | 1.93    | 4.12 +               | 1.57   | 1.38      | 2.01   | 1.92   |  |
| Jahr         | 2016        | 2013          | 2007   | 2016     | 2015                 | 2013   | 2013    | 2007                 | 2008   | 2012      | 2012   | 2011   |  |
| Periode      | Mittel      | 380.03 m ü.M. |        | Maximum  | 383.64 (09.Aug 2007) |        | Minimum | 378.53 (28.Aug 2016) |        | Amplitude | 5.11 m |        |  |

Darstellung der letzten 12 Jahre



**Grundwassertemperatur**

Laufental

Liesberg

Abstichpunkt:

OK Terrain:

118.A.1

0.00

0.00

Bebrunnenmatten

m ü.M.

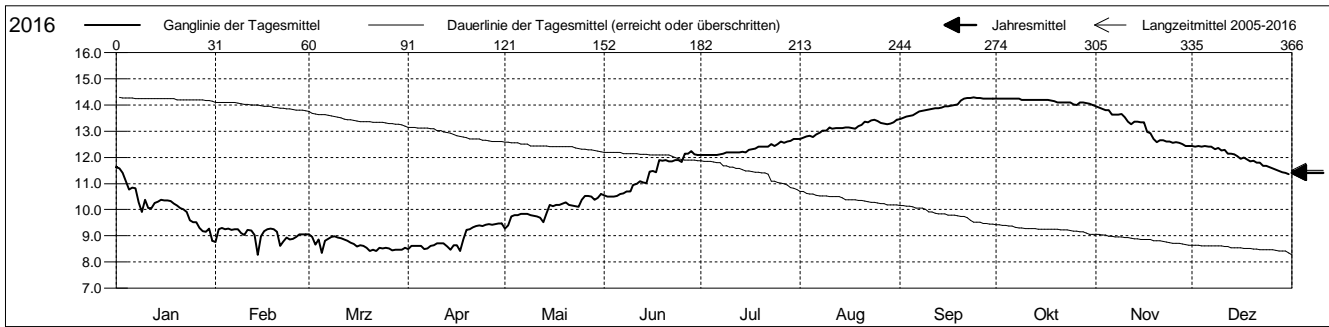
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

Koordinaten: 0.00 / 0.00

| 2016         | Januar | Februar | März  | April   | Mai           | Juni   | Juli   | August  | September    | Oktober | November  | Dezember |    |
|--------------|--------|---------|-------|---------|---------------|--------|--------|---------|--------------|---------|-----------|----------|----|
| 1            | 11.6 + | 8.8     | 9.1 + | 8.5     | 9.3 -         | 10.6   | 12.1 - | 12.7 -  | 13.5 -       | 14.2    | 13.9 +    | 12.4 +   | 1  |
| 2            | 11.6 + | 9.3 +   | 9.0   | 8.6     | 9.4           | 10.5 - | 12.1 - | 12.7 -  | 13.5 -       | 14.2    | 13.9 +    | 12.4 +   | 2  |
| 3            | 11.4   | 9.3 +   | 8.7   | 8.6     | 9.8           | 10.5 - | 12.1 - | 12.8    | 13.5 -       | 14.3 +  | 13.9 +    | 12.4 +   | 3  |
| 4            | 11.1   | 9.3 +   | 8.9   | 8.6     | 9.8           | 10.5 - | 12.1 - | 12.8    | 13.6         | 14.3 +  | 13.8      | 12.4 +   | 4  |
| 5            | 10.8   | 9.3 +   | 8.3 - | 8.6     | 9.8           | 10.5 - | 12.1 - | 12.8    | 13.6         | 14.3 +  | 13.8      | 12.4 +   | 5  |
| 6            | 10.8   | 9.2     | 8.8   | 8.5     | 9.8           | 10.6   | 12.1 - | 12.9    | 13.7         | 14.3 +  | 13.6      | 12.4 +   | 6  |
| 7            | 10.8   | 9.3 +   | 8.9   | 8.5     | 9.8           | 10.6   | 12.1 - | 12.9    | 13.7         | 14.3 +  | 13.6      | 12.4 +   | 7  |
| 8            | 10.3   | 9.3 +   | 9.0   | 8.6     | 9.8           | 10.7   | 12.1 - | 13.0    | 13.8         | 14.2    | 13.6      | 12.3     | 8  |
| 9            | 9.9    | 9.1     | 9.0   | 8.7     | 9.8           | 10.7   | 12.2   | 13.0    | 13.8         | 14.2    | 13.6      | 12.4 +   | 9  |
| 10           | 10.4   | 9.0     | 8.9   | 8.7     | 9.8           | 10.9   | 12.2   | 13.1    | 13.8         | 14.2    | 13.5      | 12.3     | 10 |
| 11           | 10.1   | 9.2     | 8.9   | 8.7     | 9.8           | 11.0   | 12.2   | 13.1    | 13.9         | 14.2    | 13.4      | 12.3     | 11 |
| 12           | 10.1   | 9.2     | 8.9   | 8.7     | 9.7           | 11.1   | 12.2   | 13.1    | 13.9         | 14.2    | 13.3      | 12.1     | 12 |
| 13           | 10.3   | 9.0     | 8.8   | 8.6     | 9.5           | 11.0   | 12.2   | 13.1    | 13.9         | 14.2    | 13.4      | 12.1     | 13 |
| 14           | 10.3   | 8.3 -   | 8.7   | 8.5     | 9.9           | 11.0   | 12.2   | 13.1    | 13.9         | 14.2    | 13.4      | 12.1     | 14 |
| 15           | 10.4   | 9.0     | 8.7   | 8.6     | 10.2          | 11.5   | 12.2   | 13.1    | 13.9         | 14.2    | 13.3      | 12.0     | 15 |
| 16           | 10.4   | 9.2     | 8.6   | 8.6     | 10.1          | 11.5   | 12.3   | 13.1    | 14.0         | 14.2    | 13.3      | 11.9     | 16 |
| 17           | 10.4   | 9.3 +   | 8.7   | 8.4 -   | 10.2          | 11.4   | 12.3   | 13.1    | 14.0         | 14.2    | 13.0      | 12.0     | 17 |
| 18           | 10.3   | 9.3 +   | 8.6   | 8.9     | 10.2          | 11.9   | 12.3   | 13.1    | 14.0         | 14.2    | 12.9      | 11.9     | 18 |
| 19           | 10.2   | 9.3 +   | 8.5   | 9.2     | 10.2          | 11.9   | 12.4   | 13.2    | 14.0         | 14.1    | 12.7      | 11.8     | 19 |
| 20           | 10.2   | 9.2     | 8.4   | 9.3     | 10.3          | 11.9   | 12.4   | 13.3    | 14.2         | 14.1    | 12.6      | 11.9     | 20 |
| 21           | 10.1   | 8.6     | 8.5   | 9.3     | 10.2          | 11.8   | 12.4   | 13.4 +  | 14.2         | 14.1    | 12.6      | 11.8     | 21 |
| 22           | 10.0   | 8.8     | 8.4   | 9.4     | 10.2          | 11.8   | 12.4   | 13.3    | 14.3 +       | 14.1    | 12.6      | 11.8     | 22 |
| 23           | 9.9    | 8.9     | 8.5   | 9.4     | 10.1          | 11.9   | 12.5   | 13.4 +  | 14.3 +       | 14.1    | 12.6      | 11.7     | 23 |
| 24           | 9.6    | 8.9     | 8.5   | 9.4     | 10.1          | 11.9   | 12.4   | 13.4 +  | 14.3 +       | 14.1    | 12.6      | 11.7     | 24 |
| 25           | 9.5    | 8.9     | 8.5   | 9.4     | 10.4          | 11.8   | 12.5   | 13.4 +  | 14.3 +       | 14.0 -  | 12.6      | 11.6     | 25 |
| 26           | 9.5    | 9.0     | 8.5   | 9.4     | 10.5          | 12.1   | 12.6   | 13.3    | 14.3 +       | 14.0 -  | 12.6      | 11.6     | 26 |
| 27           | 9.3    | 9.0     | 8.5   | 9.4     | 10.5          | 12.1   | 12.6   | 13.3    | 14.3 +       | 14.1    | 12.6      | 11.5     | 27 |
| 28           | 9.2    | 9.1     | 8.5   | 9.5 +   | 10.5          | 12.2 + | 12.6   | 13.3    | 14.3 +       | 14.1    | 12.5      | 11.5     | 28 |
| 29           | 9.2    | 9.1     | 8.5   | 9.5 +   | 10.4          | 12.1   | 12.6   | 13.3    | 14.2         | 14.1    | 12.4 -    | 11.4 -   | 29 |
| 30           | 9.3    | 9.1     | 8.5   | 9.5 +   | 10.5          | 12.1   | 12.7 + | 13.3    | 14.3 +       | 14.0 -  | 12.4 -    | 11.4 -   | 30 |
| 31           | 8.8 -  |         | 8.6   |         | 10.6 +        |        | 12.7 + | 13.4 +  |              | 14.0 -  |           | 11.4 -   | 31 |
| Monatsmittel | 10.2   | 9.1     | 8.7 - | 8.9     | 10.0          | 11.3   | 12.3   | 13.1    | 14.0         | 14.2 +  | 13.1      | 12.0     |    |
| Maximum      | 12.0   | 9.5     | 9.3 - | 9.7     | 10.6          | 12.3   | 12.9   | 13.6    | 14.3         | 14.4 +  | 14.0      | 12.8     |    |
| Datum        | 02.01  | 08.02   | 03.03 | 30.04   | 26.05         | 28.06  | 31.07  | 24.08   | 21.09        | 05.10   | 01.11     | 06.12    |    |
| Minimum      | 8.4    | 8.0 -   | 8.0 - | 8.4     | 9.2           | 10.5   | 12.1   | 12.7    | 13.4         | 13.9 +  | 12.3      | 11.2     |    |
| Datum        | 31.01  | 14.02   | 05.03 | 06.04   | 01.05         | 01.06  | 01.07  | 01.08   | 01.09        | 31.10   | 30.11     | 31.12    |    |
| Amplitude    | 3.6    | 1.5     | 1.3   | 1.3     | 1.4           | 1.8    | 0.8    | 0.9     | 0.9          | 0.5     | 1.7       | 1.6      |    |
| Jahr 2016    | Mittel | 11.4 °C |       | Maximum | 14.4 (05.Okt) |        |        | Minimum | 8.0 (14.Feb) |         | Amplitude | 6.4 °C   |    |



| Periode      | 2005 - 2016 |         |       |         |                    |      |      |         |                   |        |           |        |  |
|--------------|-------------|---------|-------|---------|--------------------|------|------|---------|-------------------|--------|-----------|--------|--|
| Monatsmittel | 10.0        | 9.0     | 8.3 - | 8.7     | 9.7                | 11.0 | 12.4 | 13.6    | 14.3 +            | 14.1   | 13.2      | 11.7   |  |
| Maximum      | 12.0        | 10.3    | 9.3 - | 9.7     | 10.6               | 12.3 | 13.8 | 14.5    | 15.8 +            | 15.0   | 14.2      | 13.5   |  |
| Jahr         | 2016        | 2015    | 2016  | 2016    | 2016               | 2016 | 2014 | 2015    | 2012 +            | 2012   | 2011      | 2011   |  |
| Minimum      | 8.3         | 8.0     | 7.6 - | 7.7     | 8.7                | 9.8  | 11.2 | 12.7    | 13.4 +            | 13.4 + | 11.3      | 9.4    |  |
| Jahr         | 2014        | 2016    | 2015  | 2013    | 2015               | 2013 | 2013 | 2016    | 2016              | 2013   | 2012      | 2013   |  |
| Amplitude    | 3.6 +       | 2.1     | 1.5   | 1.6     | 1.8                | 1.8  | 2.6  | 1.5     | 1.6               | 1.4 -  | 2.9       | 3.5    |  |
| Jahr         | 2016        | 2015    | 2012  | 2015    | 2015               | 2016 | 2014 | 2015    | 2012              | 2012   | 2012      | 2011   |  |
| Periode      | Mittel      | 11.5 °C |       | Maximum | 15.8 (04.Sep 2012) |      |      | Minimum | 7.6 (02.Mrz 2015) |        | Amplitude | 8.2 °C |  |

Darstellung der letzten 12 Jahre

