

## Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.2

299.09

298.71

Bahnhof

m ü.M.

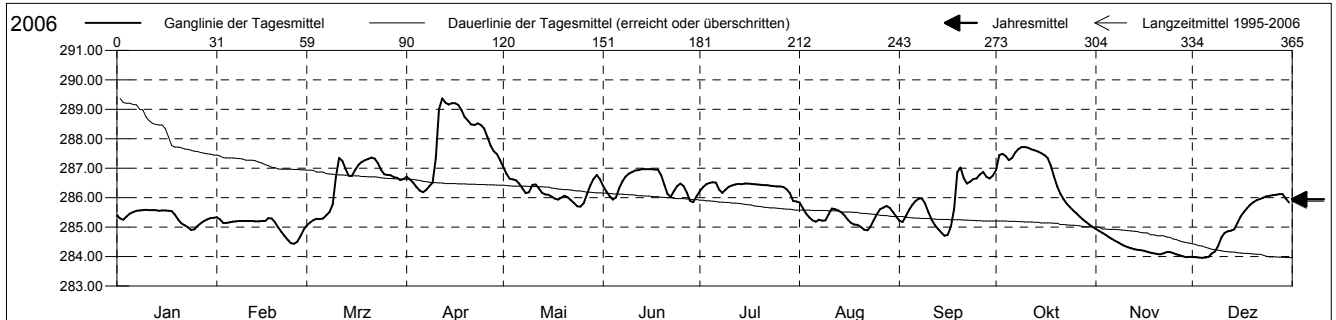
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

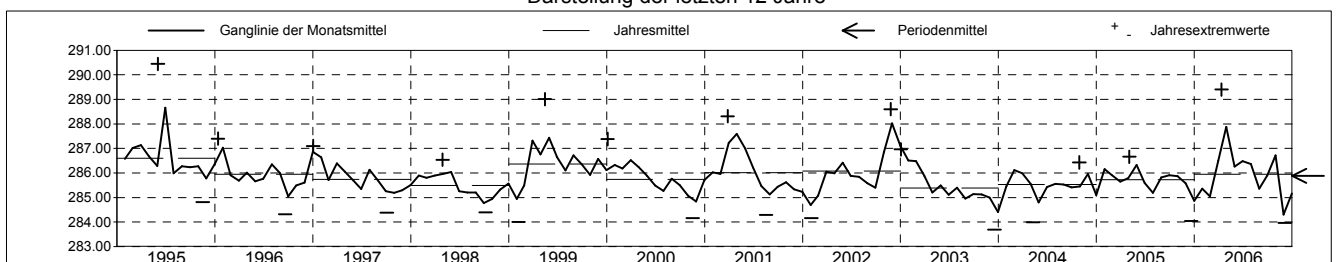
Koordinaten: 612375.31 / 257428.84

| 2006         | Januar   | Februar       | März     | April           | Mai      | Juni            | Juli      | August   | September | Oktober  | November | Dezember |    |
|--------------|----------|---------------|----------|-----------------|----------|-----------------|-----------|----------|-----------|----------|----------|----------|----|
| 1            | 285.39   | 285.33 +      | 285.06 - | 286.71          | 287.03 + | 286.40          | 286.23    | 285.83 + | 285.21    | 286.94   | 284.94 + | 283.99   | 1  |
| 2            | 285.29   | 285.26        | 285.16   | 286.62          | 286.81   | 286.20          | 286.36    | 285.66   | 285.18    | 287.44   | 284.87   | 283.98   | 2  |
| 3            | 285.25   | 285.14        | 285.24   | 286.50          | 286.64   | 286.06          | 286.46    | 285.47   | 285.37    | 287.50   | 284.81   | 283.97   | 3  |
| 4            | 285.35   | 285.14        | 285.28   | 286.37          | 286.62   | 285.94          | 286.50    | 285.33   | 285.58    | 287.42   | 284.74   | 283.96 - | 4  |
| 5            | 285.45   | 285.17        | 285.27   | 286.24          | 286.59   | 286.01          | 286.52 +  | 285.23   | 285.75    | 287.28   | 284.67   | 283.97   | 5  |
| Tagesmittel  |          |               |          |                 |          |                 |           |          |           |          |          |          |    |
| 6            | 285.51   | 285.18        | 285.29   | 286.19 -        | 286.46   | 286.32          | 286.51    | 285.19   | 285.88    | 287.34   | 284.60   | 283.99   | 6  |
| 7            | 285.55   | 285.20        | 285.41   | 286.26          | 286.29   | 286.56          | 286.28    | 285.25   | 285.97    | 287.54   | 284.54   | 284.10   | 7  |
| 8            | 285.57   | 285.21        | 285.51   | 286.40          | 286.15   | 286.72          | 286.16    | 285.21   | 285.98    | 287.66   | 284.47   | 284.18   | 8  |
| 9            | 285.58 + | 285.21        | 285.77   | 286.51          | 286.19   | 286.82          | 286.27    | 285.23   | 285.81    | 287.72 + | 284.42   | 284.37   | 9  |
| 10           | 285.58 + | 285.21        | 286.71   | 287.34          | 286.44   | 286.87          | 286.37    | 285.44   | 285.50    | 287.72 + | 284.36   | 284.66   | 10 |
| 11           | 285.58 + | 285.21        | 287.35   | 289.00          | 286.45   | 286.92          | 286.42    | 285.63   | 285.26    | 287.70   | 284.32   | 284.81   | 11 |
| 12           | 285.58 + | 285.20        | 287.25   | 289.37 +        | 286.32   | 286.94          | 286.45    | 285.61   | 285.07    | 287.64   | 284.28   | 284.86   | 12 |
| 13           | 285.57   | 285.20        | 286.98   | 289.23          | 286.16   | 286.97 +        | 286.46    | 285.57   | 284.93    | 287.61   | 284.26   | 284.89   | 13 |
| 14           | 285.56   | 285.20        | 286.74   | 289.17          | 286.11   | 286.96          | 286.46    | 285.50   | 284.82    | 287.57   | 284.23   | 284.92   | 14 |
| Max. +       | 285.57   | 285.20        | 286.74   | 289.21          | 286.11   | 286.97 +        | 286.48    | 285.39   | 284.71 -  | 287.51   | 284.21   | 285.14   | 15 |
| 16           | 285.57   | 285.21        | 286.96   | 289.21          | 286.03   | 286.97 +        | 286.47    | 285.25   | 284.74    | 287.45   | 284.19   | 285.36   | 16 |
| 17           | 285.56   | 285.31        | 287.12   | 289.16          | 285.97   | 286.96          | 286.47    | 285.14   | 285.02    | 287.35   | 284.16   | 285.51   | 17 |
| 18           | 285.55   | 285.30        | 287.21   | 288.98          | 285.94   | 286.95          | 286.46    | 285.09   | 285.62    | 287.09   | 284.13   | 285.64   | 18 |
| 19           | 285.43   | 285.17        | 287.27   | 288.74          | 286.01   | 286.76          | 286.45    | 285.08   | 286.87    | 286.72   | 284.11   | 285.76   | 19 |
| Min. -       | 285.27   | 285.00        | 287.31   | 288.61          | 286.07   | 286.44          | 286.44    | 285.01   | 287.02 +  | 286.38   | 284.09   | 285.85   | 20 |
| 21           | 285.13   | 284.85        | 287.36 + | 288.49          | 286.01   | 286.12          | 286.43    | 284.91   | 286.66    | 286.13   | 284.08   | 285.91   | 21 |
| 22           | 285.07   | 284.71        | 287.33   | 288.47          | 285.92   | 286.03          | 286.42    | 284.89 - | 286.48    | 285.95   | 284.11   | 285.96   | 22 |
| 23           | 285.00   | 284.57        | 287.17   | 288.52          | 285.81   | 286.23          | 286.41    | 285.00   | 286.55    | 285.80   | 284.16   | 286.00   | 23 |
| 24           | 284.90 - | 284.46        | 286.95   | 288.47          | 285.71   | 286.39          | 286.40    | 285.24   | 286.63    | 285.67   | 284.15   | 286.04   | 24 |
| 25           | 284.92   | 284.43 -      | 286.79   | 288.35          | 285.70 - | 286.47          | 286.38    | 285.45   | 286.65    | 285.57   | 284.12   | 286.06   | 25 |
| 26           | 285.04   | 284.50        | 286.77   | 288.06          | 285.82   | 286.39          | 286.38    | 285.61   | 286.79    | 285.47   | 284.08   | 286.09   | 26 |
| 27           | 285.13   | 284.71        | 286.76   | 287.77          | 286.14   | 286.17          | 286.36    | 285.66   | 286.87    | 285.36   | 284.05   | 286.10   | 27 |
| 28           | 285.21   | 284.92        | 286.70   | 287.58          | 286.43   | 285.89          | 286.29    | 285.72   | 286.71    | 285.26   | 284.01   | 286.13 + | 28 |
| 29           | 285.26   |               | 286.68   | 287.48          | 286.64   | 285.85 -        | 286.16    | 285.66   | 286.66    | 285.18   | 283.98 - | 286.12   | 29 |
| 30           | 285.30   |               | 286.60   | 287.27          | 286.78   | 286.06          | 285.90    | 285.52   | 286.75    | 285.09   | 283.99   | 285.97   | 30 |
| 31           | 285.32   |               | 286.63   |                 | 286.62   |                 | 285.87 -  | 285.37   |           | 285.02 - |          | 285.84   | 31 |
| Monatsmittel | 285.36   | 285.04        | 286.50   | 287.88 +        | 286.26   | 286.48          | 286.36    | 285.36   | 285.90    | 286.71   | 284.30 - | 285.17   |    |
| Maximum      | 285.59   | 285.34        | 287.41   | 289.40 +        | 287.14   | 286.99          | 286.58    | 285.88   | 287.13    | 287.73   | 284.98 - | 286.13   |    |
| Datum        | 10.01    | 17.02         | 11.03    | 12.04           | 01.05    | 18.06           | 06.07     | 01.08    | 20.09     | 10.10    | 01.11    | 29.12    |    |
| Amplitude    | 0.71     | 0.92          | 2.41     | 3.22            | 1.47     | 1.19            | 0.75      | 1.01     | 2.46      | 2.75     | 1.00     | 2.17     |    |
| Jahr 2006    | Mittel   | 285.95 m ü.M. | Maximum  | 289.40 (12.Apr) | Minimum  | 283.96 (04.Dez) | Amplitude | 5.44 m   |           |          |          |          |    |



| Periode      | 1995 - 2006 |               |          |                      |         |                      |           |          |          |        |        |          |
|--------------|-------------|---------------|----------|----------------------|---------|----------------------|-----------|----------|----------|--------|--------|----------|
| Monatsmittel | 285.97      | 285.89        | 286.35 + | 286.31               | 286.11  | 285.99               | 285.74    | 285.67   | 285.53 - | 285.71 | 285.63 | 285.67   |
| Maximum      | 287.40      | 287.33        | 288.31   | 289.40               | 289.01  | 290.44 +             | 287.09    | 286.89 - | 287.13   | 288.10 | 288.60 | 288.32   |
| Jahr         | 1996        | 1995          | 2001     | 2006                 | 1999    | 1995                 | 1999      | 1999     | 2006     | 2002   | 2002   | 2002     |
| Minimum      | 284.14      | 284.00        | 285.00 + | 284.34               | 283.99  | 284.61               | 284.38    | 284.06   | 284.00   | 284.38 | 283.98 | 283.69 - |
| Jahr         | 1999        | 1999          | 2006     | 2003                 | 2004    | 1997                 | 2005      | 2003     | 2003     | 1997   | 2006   | 2003     |
| Amplitude    | 1.88        | 3.26          | 2.56     | 3.22                 | 2.69    | 3.31 +               | 1.87      | 1.58     | 2.46     | 2.75   | 1.54 - | 2.20     |
| Jahr         | 2000        | 1999          | 2001     | 2006                 | 1999    | 1995                 | 1999      | 2005     | 2006     | 2006   | 1995   | 2002     |
| Periode      | Mittel      | 285.88 m ü.M. | Maximum  | 290.44 (02.Jun 1995) | Minimum | 283.69 (17.Dez 2003) | Amplitude | 6.75 m   |          |        |        |          |

Darstellung der letzten 12 Jahre



# Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.2

299.09

298.71

Bahnhof

m ü.M.

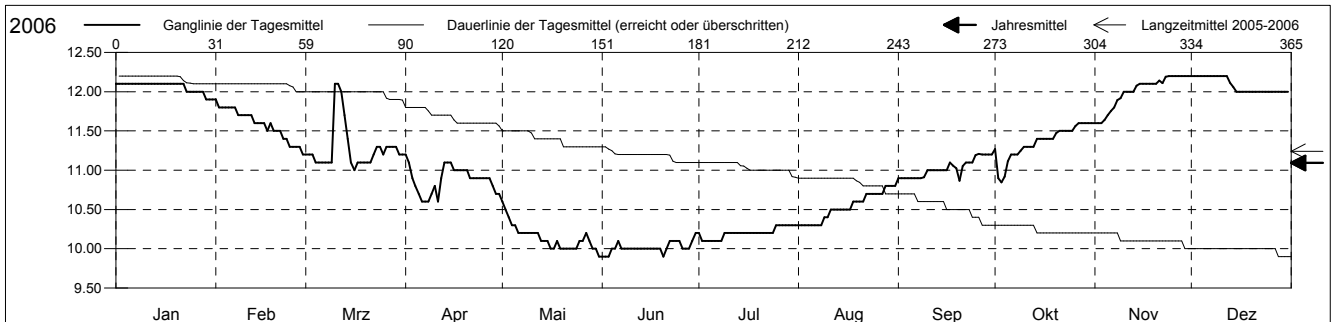
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

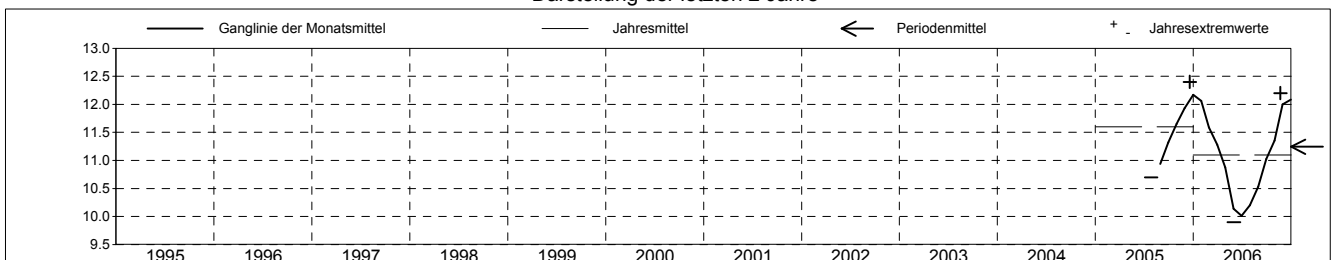
Koordinaten: 612375.31 / 257428.84

| 2006         | Januar | Februar | März   | April   | Mai           | Juni   | Juli    | August       | September | Oktober   | November | Dezember |    |
|--------------|--------|---------|--------|---------|---------------|--------|---------|--------------|-----------|-----------|----------|----------|----|
| 1            | 12.1 + | 11.9 +  | 11.2   | 11.2 +  | 10.6 +        | 9.9 -  | 10.2    | 10.3 -       | 10.9 -    | 11.3      | 11.6 -   | 12.2 +   | 1  |
| 2            | 12.1 + | 11.8    | 11.2   | 11.1    | 10.5          | 9.9 -  | 10.1 -  | 10.3 -       | 10.9 -    | 10.9      | 11.6 -   | 12.2 +   | 2  |
| 3            | 12.1 + | 11.8    | 11.2   | 10.9    | 10.4          | 9.9 -  | 10.1 -  | 10.3 -       | 10.9 -    | 10.8 -    | 11.6 -   | 12.2 +   | 3  |
| 4            | 12.1 + | 11.8    | 11.1   | 10.8    | 10.3          | 10.0   | 10.1 -  | 10.3 -       | 10.9 -    | 10.9      | 11.6 -   | 12.2 +   | 4  |
| 5            | 12.1 + | 11.8    | 11.1   | 10.7    | 10.3          | 10.0   | 10.1 -  | 10.3 -       | 10.9 -    | 11.1      | 11.7     | 12.2 +   | 5  |
| Tagesmittel  |        |         |        |         |               |        |         |              |           |           |          |          |    |
| 6            | 12.1 + | 11.8    | 11.1   | 10.6 -  | 10.2          | 10.1   | 10.1 -  | 10.3 -       | 10.9 -    | 11.2      | 11.8     | 12.2 +   | 6  |
| 7            | 12.1 + | 11.8    | 11.1   | 10.6 -  | 10.2          | 10.0   | 10.1 -  | 10.3 -       | 10.9 -    | 11.2      | 11.8     | 12.2 +   | 7  |
| 8            | 12.1 + | 11.7    | 11.1   | 10.6 -  | 10.2          | 10.0   | 10.1 -  | 10.3 -       | 10.9 -    | 11.2      | 11.9     | 12.2 +   | 8  |
| 9            | 12.1 + | 11.7    | 11.1   | 10.7    | 10.2          | 10.0   | 10.2    | 10.4         | 10.9 -    | 11.3      | 11.9     | 12.2 +   | 9  |
| 10           | 12.1 + | 11.7    | 12.1 + | 10.8    | 10.2          | 10.0   | 10.2    | 10.4         | 11.0      | 11.3      | 12.0     | 12.2 +   | 10 |
| 11           | 12.1 + | 11.7    | 12.1 + | 10.6 -  | 10.2          | 10.0   | 10.2    | 10.5         | 11.0      | 11.3      | 12.0     | 12.2 +   | 11 |
| 12           | 12.1 + | 11.7    | 12.0   | 10.9    | 10.2          | 10.0   | 10.2    | 10.5         | 11.0      | 11.3      | 12.0     | 12.2 +   | 12 |
| 13           | 12.1 + | 11.6    | 11.7   | 11.1    | 10.1          | 10.0   | 10.2    | 10.5         | 11.0      | 11.3      | 12.0     | 12.1     | 13 |
| 14           | 12.1 + | 11.6    | 11.4   | 11.1    | 10.1          | 10.0   | 10.2    | 10.5         | 11.0      | 11.4      | 12.1     | 12.1     | 14 |
| 15           | 12.1 + | 11.6    | 11.1   | 11.1    | 10.1          | 10.0   | 10.2    | 10.5         | 11.0      | 11.4      | 12.1     | 12.0 -   | 15 |
| Max. +       |        |         |        |         |               |        |         |              |           |           |          |          |    |
| 16           | 12.1 + | 11.6    | 11.0 - | 11.0    | 10.0          | 10.0   | 10.2    | 10.5         | 11.0      | 11.4      | 12.1     | 12.0 -   | 16 |
| 17           | 12.1 + | 11.5    | 11.1   | 11.0    | 10.0          | 10.0   | 10.2    | 10.5         | 11.1      | 11.4      | 12.1     | 12.0 -   | 17 |
| 18           | 12.1 + | 11.6    | 11.1   | 11.0    | 10.1          | 10.0   | 10.2    | 10.6         | 11.1      | 11.4      | 12.1     | 12.0 -   | 18 |
| 19           | 12.1 + | 11.5    | 11.1   | 11.0    | 10.0          | 10.0   | 10.2    | 10.6         | 11.0      | 11.4      | 12.1     | 12.0 -   | 19 |
| 20           | 12.1 + | 11.5    | 11.1   | 11.0    | 10.0          | 9.9 -  | 10.2    | 10.6         | 10.9 -    | 11.5      | 12.1     | 12.0 -   | 20 |
| Min. -       |        |         |        |         |               |        |         |              |           |           |          |          |    |
| 21           | 12.1 + | 11.5    | 11.1   | 10.9    | 10.0          | 10.0   | 10.2    | 10.6         | 11.1      | 11.5      | 12.1     | 12.0 -   | 21 |
| 22           | 12.1 + | 11.4    | 11.2   | 10.9    | 10.0          | 10.1   | 10.2    | 10.7         | 11.1      | 11.5      | 12.1     | 12.0 -   | 22 |
| 23           | 12.0   | 11.4    | 11.3   | 10.9    | 10.0          | 10.1   | 10.2    | 10.7         | 11.1      | 11.5      | 12.2 +   | 12.0 -   | 23 |
| 24           | 12.0   | 11.3    | 11.3   | 10.9    | 10.0          | 10.1   | 10.2    | 10.7         | 11.1      | 11.5      | 12.2 +   | 12.0 -   | 24 |
| 25           | 12.0   | 11.3    | 11.2   | 10.9    | 10.1          | 10.1   | 10.3 +  | 10.7         | 11.2 +    | 11.5      | 12.2 +   | 12.0 -   | 25 |
| 26           | 12.0   | 11.3    | 11.3   | 10.9    | 10.1          | 10.0   | 10.3 +  | 10.7         | 11.2 +    | 11.6 +    | 12.2 +   | 12.0 -   | 26 |
| 27           | 12.0   | 11.3    | 11.3   | 10.9    | 10.2          | 10.0   | 10.3 +  | 10.7         | 11.2 +    | 11.6 +    | 12.2 +   | 12.0 -   | 27 |
| 28           | 12.0   | 11.2 -  | 11.3   | 10.8    | 10.1          | 10.0   | 10.3 +  | 10.8 +       | 11.2 +    | 11.6 +    | 12.2 +   | 12.0 -   | 28 |
| 29           | 11.9 - |         | 11.3   | 10.7    | 10.0          | 10.1   | 10.3 +  | 10.8 +       | 11.2 +    | 11.6 +    | 12.2 +   | 12.0 -   | 29 |
| 30           | 11.9 - |         | 11.2   | 10.7    | 10.0          | 10.2 + | 10.3 +  | 10.8 +       | 11.2 +    | 11.6 +    | 12.2 +   | 12.0 -   | 30 |
| 31           | 11.9 - |         | 11.2   |         | 9.9 -         |        | 10.3 +  | 10.8 +       |           | 11.6 +    |          | 12.0 -   | 31 |
| Monatsmittel | 12.1 + | 11.6    | 11.3   | 10.9    | 10.1          | 10.0 - | 10.2    | 10.5         | 11.0      | 11.4      | 12.0     | 12.1 +   |    |
| Maximum      | 12.1   | 11.9    | 12.1   | 11.2    | 10.6          | 10.2 - | 10.3    | 10.8         | 11.4      | 11.6      | 12.2 +   | 12.2 +   |    |
| Datum        | 01.01  | 01.02   | 10.03  | 01.04   | 01.05         | 30.06  | 25.07   | 28.08        | 18.09     | 26.10     | 21.11    | 01.12    |    |
| Minimum      | 11.9   | 11.2    | 11.0   | 10.6    | 9.9 -         | 9.9 -  | 10.1    | 10.3         | 10.8      | 10.8      | 11.6     | 12.0 +   |    |
| Datum        | 29.01  | 28.02   | 16.03  | 06.04   | 31.05         | 01.06  | 02.07   | 01.08        | 18.09     | 02.10     | 01.11    | 14.12    |    |
| Amplitude    | 0.2    | 0.7     | 1.1    | 0.6     | 0.7           | 0.3    | 0.2     | 0.5          | 0.6       | 0.8       | 0.6      | 0.2      |    |
| Jahr 2006    | Mittel | 11.1 °C |        | Maximum | 12.2 (21.Nov) |        | Minimum | 9.9 (31.Mai) |           | Amplitude |          | 2.3 °C   |    |



| 2005 - 2006  |        |         |       |         |                    |        |         |                   |      |           |      |        |
|--------------|--------|---------|-------|---------|--------------------|--------|---------|-------------------|------|-----------|------|--------|
| Monatsmittel | 12.1 + | 11.6    | 11.3  | 10.9    | 10.1               | 10.0 - | 10.2    | 10.7              | 11.2 | 11.5      | 12.0 | 12.1 + |
| Maximum      | 12.1   | 11.9    | 12.1  | 11.2    | 10.6               | 10.2 - | 10.7    | 11.2              | 11.5 | 11.8      | 12.2 | 12.4 + |
| Jahr         | 2006   | 2006    | 2006  | 2006    | 2006               | 2006   | 2005    | 2005              | 2005 | 2005      | 2006 | 2005   |
| Minimum      | 11.9   | 11.2    | 11.0  | 10.6    | 9.9 -              | 9.9 -  | 10.1    | 10.3              | 10.8 | 10.8      | 11.6 | 12.0 + |
| Jahr         | 2006   | 2006    | 2006  | 2006    | 2006               | 2006   | 2006    | 2006              | 2006 | 2006      | 2006 | 2005   |
| Amplitude    | 0.2 -  | 0.7     | 1.1 + | 0.6     | 0.7                | 0.3    | 0.2 -   | 0.5               | 0.6  | 0.8       | 0.6  | 0.4    |
| Jahr         | 2006   | 2006    | 2006  | 2006    | 2006               | 2006   | 2006    | 2005              | 2006 | 2006      | 2006 | 2005   |
| Periode      | Mittel | 11.2 °C |       | Maximum | 12.4 (18.Dez 2005) |        | Minimum | 9.9 (31.Mai 2006) |      | Amplitude |      | 2.5 °C |

## Darstellung der letzten 2 Jahre



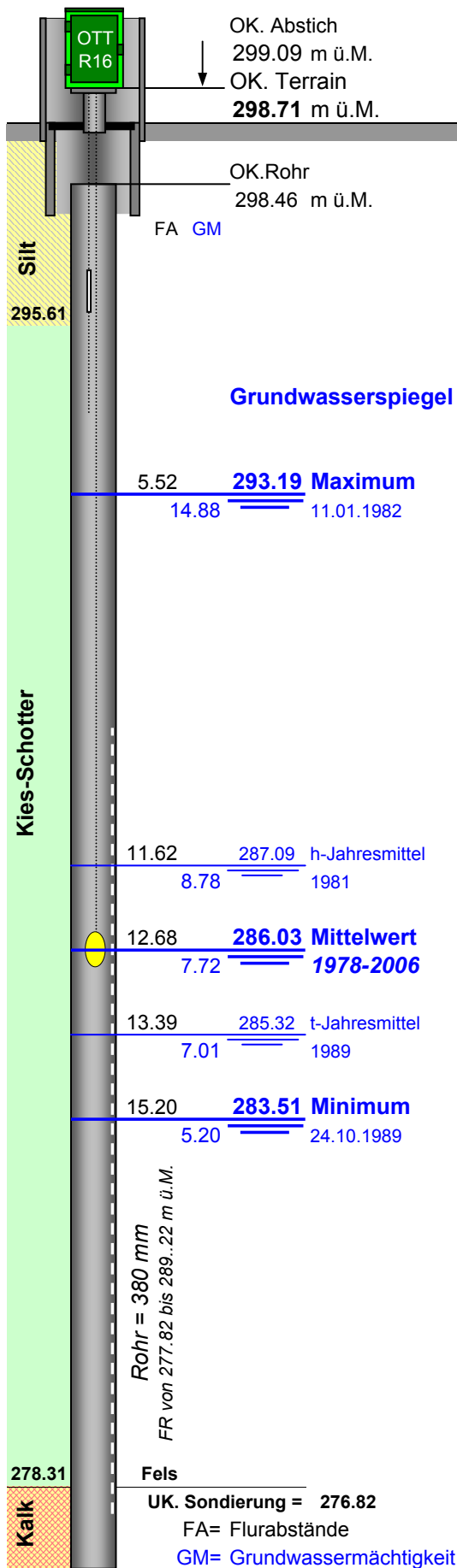
# Grundwasserspiegel im Birstal

Station 11.J.2 Aesch  
Limnigraph

Bahnhof

Koordinaten: 612'375.34 / 257'428.84

Messwerte: Grundwasserspiegel  
Temperatur



Kartenausschnitt Aesch



Situationsplan Aesch

