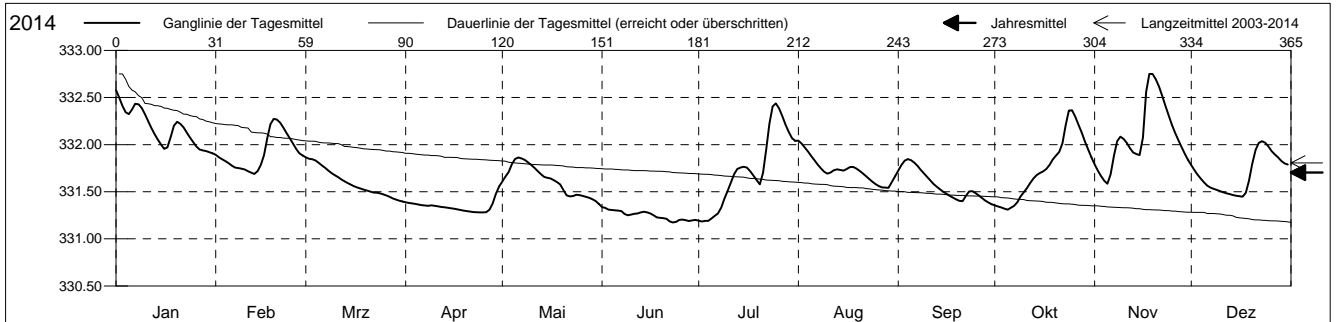


Grundwasserstände

Frenketal
Liestal 39.J.14 Gräubern
Abstichpunkt: 0.00 m ü.M.
OK Terrain: 0.00 m ü.M.

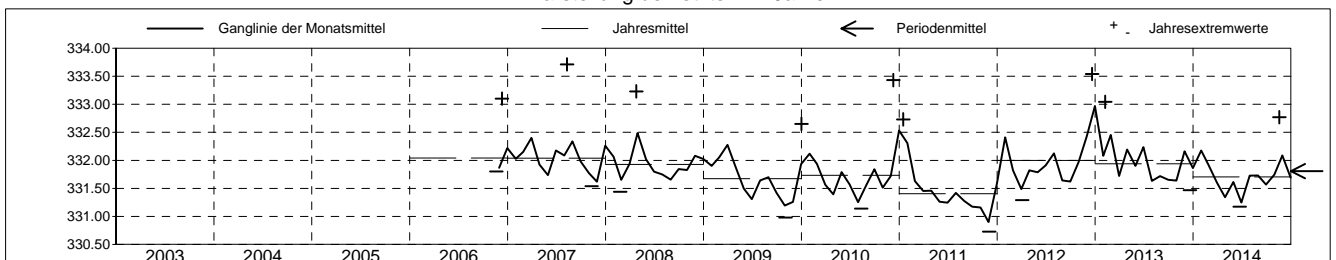
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
Koordinaten: 0.00 / 0.00

| 2014 | Januar | Februar | März | April | Mai | Juni | Juli | August | September | Oktober | November | Dezember | |
|--------------|----------|---------------|----------|----------|-----------------|----------|----------|----------|-----------------|----------|----------|-----------|--------|
| 1 | 332.58 + | 331.89 | 331.86 + | 331.39 | 331.61 | 331.34 + | 331.19 | 332.04 + | 331.72 | 331.36 | 331.79 | 331.78 | 1 |
| 2 | 332.50 | 331.87 | 331.85 | 331.38 | 331.66 | 331.33 | 331.18 - | 332.01 | 331.78 | 331.34 | 331.72 | 331.73 | 2 |
| 3 | 332.41 | 331.85 | 331.84 | 331.38 | 331.71 | 331.31 | 331.19 | 331.97 | 331.83 | 331.33 | 331.67 | 331.68 | 3 |
| 4 | 332.34 | 331.82 | 331.83 | 331.37 | 331.79 | 331.31 | 331.19 | 331.92 | 331.85 + | 331.32 | 331.62 | 331.64 | 4 |
| 5 | 332.32 | 331.80 | 331.81 | 331.36 | 331.85 | 331.30 | 331.22 | 331.88 | 331.83 | 331.31 - | 331.58 - | 331.60 | 5 |
| 6 | 332.37 | 331.78 | 331.78 | 331.36 | 331.86 + | 331.30 | 331.24 | 331.83 | 331.81 | 331.33 | 331.69 | 331.56 | 6 |
| 7 | 332.43 | 331.76 | 331.75 | 331.35 | 331.85 | 331.29 | 331.27 | 331.79 | 331.77 | 331.35 | 331.88 | 331.54 | 7 |
| 8 | 332.43 | 331.75 | 331.72 | 331.35 | 331.84 | 331.26 | 331.33 | 331.75 | 331.73 | 331.39 | 332.04 | 331.53 | 8 |
| 9 | 332.39 | 331.74 | 331.70 | 331.35 | 331.81 | 331.25 | 331.42 | 331.71 | 331.69 | 331.45 | 332.09 | 331.52 | 9 |
| 10 | 332.32 | 331.74 | 331.68 | 331.35 | 331.78 | 331.26 | 331.51 | 331.69 | 331.66 | 331.49 | 332.06 | 331.51 | 10 |
| 11 | 332.25 | 331.72 | 331.65 | 331.34 | 331.75 | 331.26 | 331.60 | 331.70 | 331.62 | 331.54 | 332.02 | 331.49 | 11 |
| 12 | 332.18 | 331.70 | 331.63 | 331.34 | 331.72 | 331.27 | 331.69 | 331.73 | 331.58 | 331.59 | 331.96 | 331.48 | 12 |
| 13 | 332.11 | 331.69 - | 331.61 | 331.33 | 331.69 | 331.28 | 331.74 | 331.74 | 331.55 | 331.64 | 331.92 | 331.47 | 13 |
| 14 | 332.05 | 331.72 | 331.59 | 331.33 | 331.66 | 331.29 | 331.76 | 331.73 | 331.53 | 331.68 | 331.90 | 331.47 | 14 |
| 15 | 332.00 | 331.79 | 331.57 | 331.33 | 331.65 | 331.28 | 331.77 | 331.72 | 331.50 | 331.70 | 331.89 | 331.46 | 15 |
| 16 | 331.96 | 331.89 | 331.56 | 331.32 | 331.64 | 331.27 | 331.76 | 331.74 | 331.48 | 331.72 | 332.08 | 331.45 - | 16 |
| 17 | 331.97 | 332.07 | 331.55 | 331.31 | 331.62 | 331.25 | 331.72 | 331.76 | 331.46 | 331.74 | 332.56 | 331.45 - | 17 |
| 18 | 332.08 | 332.22 | 331.53 | 331.31 | 331.60 | 331.23 | 331.67 | 331.76 | 331.44 | 331.78 | 332.75 + | 331.49 | 18 |
| 19 | 332.20 | 332.27 + | 331.52 | 331.30 | 331.58 | 331.22 | 331.62 | 331.75 | 331.42 | 331.84 | 332.75 + | 331.62 | 19 |
| 20 | 332.24 | 332.27 + | 331.51 | 331.29 | 331.52 | 331.22 | 331.58 | 331.72 | 331.40 | 331.88 | 332.69 | 331.80 | 20 |
| 21 | 332.22 | 332.23 | 331.50 | 331.29 | 331.46 | 331.21 | 331.70 | 331.69 | 331.40 | 331.92 | 332.62 | 331.95 | 21 |
| 22 | 332.18 | 332.18 | 331.49 | 331.28 - | 331.45 | 331.19 | 331.95 | 331.67 | 331.46 | 332.01 | 332.52 | 332.02 | 22 |
| 23 | 332.13 | 332.12 | 331.49 | 331.28 - | 331.45 | 331.17 - | 332.22 | 331.63 | 331.50 | 332.21 | 332.41 | 332.04 + | 23 |
| 24 | 332.08 | 332.07 | 331.48 | 331.28 - | 331.47 | 331.18 | 332.40 | 331.61 | 331.51 | 332.36 + | 332.31 | 332.02 | 24 |
| 25 | 332.03 | 332.01 | 331.47 | 331.28 - | 331.47 | 331.20 | 332.44 + | 331.58 | 331.49 | 332.36 + | 332.21 | 331.98 | 25 |
| 26 | 331.98 | 331.95 | 331.46 | 331.28 - | 331.46 | 331.20 | 332.39 | 331.56 | 331.46 | 332.30 | 332.13 | 331.93 | 26 |
| 27 | 331.95 | 331.91 | 331.44 | 331.31 | 331.45 | 331.20 | 332.30 | 331.55 | 331.43 | 332.21 | 332.05 | 331.90 | 27 |
| 28 | 331.94 | 331.88 | 331.43 | 331.37 | 331.44 | 331.19 | 332.21 | 331.54 - | 331.41 | 332.12 | 331.98 | 331.86 | 28 |
| 29 | 331.93 | | 331.42 | 331.47 | 331.42 | 331.20 | 332.13 | 331.54 - | 331.39 | 332.04 | 331.90 | 331.83 | 29 |
| 30 | 331.92 | | 331.41 | 331.56 + | 331.40 | 331.20 | 332.07 | 331.60 | 331.37 - | 331.95 | 331.84 | 331.80 | 30 |
| 31 | 331.91 - | | 331.40 - | 331.37 - | | | 332.04 | 331.66 | | 331.86 | | 331.79 | 31 |
| Monatsmittel | 332.17 + | 331.92 | 331.60 | 331.34 | 331.61 | 331.25 - | 331.73 | 331.73 | 331.57 | 331.75 | 332.09 | 331.69 | |
| Maximum | 332.62 | 332.28 | 331.87 | 331.58 | 331.86 | 331.35 - | 332.44 | 332.05 | 331.85 | 332.38 | 332.77 + | 332.04 | |
| Datum | 01.01 | 19.02 | 01.03 | 30.04 | 06.05 | 01.06 | 25.07 | 01.08 | 04.09 | 24.10 | 18.11 | 23.12 | |
| Amplitude | 0.72 | 0.59 | 0.48 | 0.30 | 0.51 | 0.18 | 1.26 | 0.52 | 0.49 | 1.08 | 1.20 | 0.59 | |
| Jahr 2014 | Mittel | 331.70 m ü.M. | | Maximum | 332.77 (18.Nov) | | | Minimum | 331.17 (23.Jun) | | | Amplitude | 1.60 m |



| Periode | 2003 - 2014 | | | | | | | | | | | | |
|--------------|-------------|---------------|--------|---------|----------------------|--------|--------|----------|----------------------|----------|--------|-----------|--------|
| Monatsmittel | 332.14 + | 331.95 | 331.81 | 331.81 | 331.70 | 331.69 | 331.70 | 331.70 | 331.64 | 331.60 - | 331.79 | 332.12 | |
| Maximum | 333.05 | 333.04 | 333.06 | 333.23 | 332.57 | 332.90 | 332.92 | 333.71 + | 332.47 - | 333.01 | 333.35 | 333.54 | |
| Jahr | 2010 | 2013 | 2007 | 2008 | 2008 | 2013 | 2012 | 2007 | 2008 | 2008 | 2012 | 2012 | |
| Minimum | 331.67 + | 331.44 | 331.31 | 331.26 | 331.11 | 331.12 | 331.15 | 331.14 | 331.10 | 331.01 | 330.75 | 330.73 - | |
| Jahr | 2009 | 2008 | 2012 | 2010 | 2011 | 2011 | 2009 | 2010 | 2011 | 2009 | 2011 | 2011 | |
| Amplitude | 1.34 | 1.11 | 1.07 | 1.29 | 1.17 | 1.16 | 1.26 | 1.90 + | 0.94 - | 1.34 | 1.39 | 1.72 | |
| Jahr | 2010 | 2013 | 2007 | 2012 | 2010 | 2013 | 2014 | 2007 | 2008 | 2012 | 2012 | 2010 | |
| Periode | Mittel | 331.81 m ü.M. | | Maximum | 333.71 (10.Aug 2007) | | | Minimum | 330.73 (02.Dez 2011) | | | Amplitude | 2.98 m |

Darstellung der letzten 12 Jahre



Grundwassertemperatur

Frenketal

Liestal

Abstichpunkt: OK Terrain:

39.J.14

Gräubern

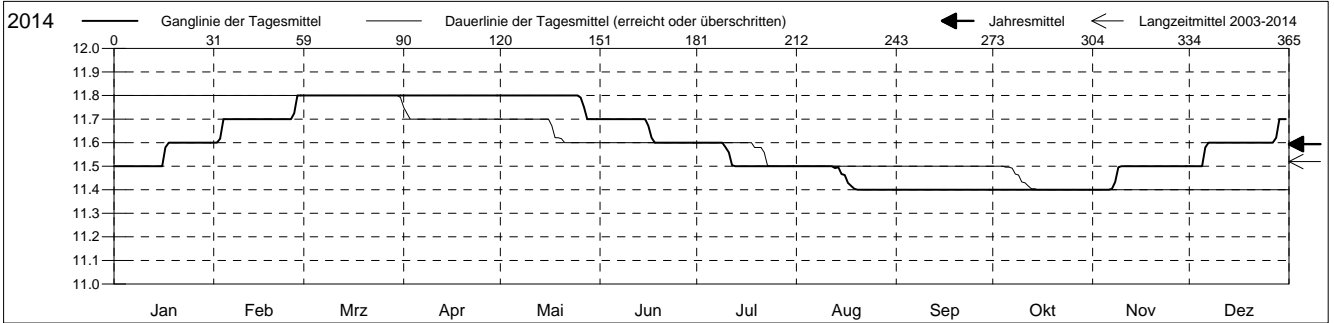
0.00 m ü.M.
0.00 m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 0.00 / 0.00

| 2014 | Januar | Februar | März | April | Mai | Juni | Juli | August | September | Oktober | November | Dezember | |
|--------------|--------|---------|--------|---------|---------------|--------|---------|---------------|-----------|-----------|----------|----------|----|
| 1 | 11.5 - | 11.6 - | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.5 - | 1 |
| 2 | 11.5 - | 11.6 - | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.5 - | 2 |
| 3 | 11.5 - | 11.6 - | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.5 - | 3 |
| 4 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.5 - | 4 |
| 5 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.5 - | 5 |
| Tagesmittel | | | | | | | | | | | | | |
| 6 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.6 | 6 |
| 7 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.6 | 7 |
| 8 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.4 - | 11.6 | 8 |
| 9 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 9 |
| 10 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 10 |
| 11 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.6 + | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 11 |
| 12 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.5 - | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 12 |
| 13 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.5 - | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 13 |
| 14 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.5 - | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 14 |
| 15 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.5 - | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 15 |
| Max. + | | | | | | | | | | | | | |
| 16 | 11.5 - | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 + | 11.5 - | 11.5 + | 11.4 + | 11.4 + | 11.5 + | 11.6 | 16 |
| 17 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 17 |
| 18 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 18 |
| 19 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 19 |
| 20 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 20 |
| Min. - | | | | | | | | | | | | | |
| 21 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 21 |
| 22 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 22 |
| 23 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 23 |
| 24 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 24 |
| 25 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 25 |
| 26 | 11.6 + | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 26 |
| 27 | 11.6 + | 11.8 + | 11.8 + | 11.8 + | 11.8 + | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 27 |
| 28 | 11.6 + | 11.8 + | 11.8 + | 11.8 + | 11.7 - | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.6 | 28 |
| 29 | 11.6 + | | 11.8 + | 11.8 + | 11.7 - | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.7 + | 29 |
| 30 | 11.6 + | | 11.8 + | 11.8 + | 11.7 - | 11.6 - | 11.5 - | 11.4 - | 11.4 + | 11.4 + | 11.5 + | 11.7 + | 30 |
| 31 | 11.6 + | | 11.8 + | | 11.7 - | | 11.5 - | 11.4 - | | 11.4 + | | 11.7 + | 31 |
| Monatsmittel | 11.5 | 11.7 | 11.8 + | 11.8 + | 11.8 + | 11.7 | 11.5 | 11.5 | 11.4 - | 11.4 - | 11.5 | 11.6 | |
| Maximum | 11.6 | 11.8 + | 11.8 + | 11.8 + | 11.8 + | 11.7 | 11.6 | 11.5 | 11.4 - | 11.4 - | 11.5 | 11.7 | |
| Datum | 17.01 | 26.02 | 01.03 | 01.04 | 01.05 | 01.06 | 01.07 | 01.08 | 01.09 | 01.10 | 07.11 | 28.12 | |
| Minimum | 11.5 | 11.6 | 11.8 + | 11.8 + | 11.7 | 11.6 | 11.5 | 11.4 - | 11.4 - | 11.4 - | 11.4 - | 11.5 | |
| Datum | 01.01 | 01.02 | 01.03 | 01.04 | 26.05 | 16.06 | 10.07 | 13.08 | 01.09 | 01.10 | 01.11 | 01.12 | |
| Amplitude | 0.1 | 0.2 | 0.0 + | 0.0 + | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 + | 0.0 + | 0.1 | 0.2 | |
| Jahr 2014 | Mittel | 11.6 °C | | Maximum | 11.8 (26.Feb) | | Minimum | 11.4 (13.Aug) | | Amplitude | 0.4 °C | | |



| Periode | 2003 - 2014 | | | | | | | | | | | | |
|--------------|-------------|---------|--------|---------|--------------------|------|---------|--------------------|--------|-----------|--------|------|--|
| Monatsmittel | 11.5 | 11.7 | 11.8 + | 11.8 + | 11.7 | 11.6 | 11.5 | 11.3 - | 11.3 - | 11.3 - | 11.3 - | 11.4 | |
| Maximum | 11.7 | 11.9 | 12.0 + | 12.0 + | 11.9 | 11.8 | 11.7 | 11.5 | 11.4 - | 11.4 - | 11.5 | 11.7 | |
| Jahr | 2008 | 2012 | 2008 | 2008 | 2008 | 2008 | 2012 | 2012 | 2007 | 2007 | 2007 | 2014 | |
| Minimum | 11.2 | 11.4 | 11.6 + | 11.6 + | 11.6 + | 11.4 | 11.3 | 11.2 | 11.2 | 10.9 - | 10.9 - | 11.0 | |
| Jahr | 2007 | 2007 | 2007 | 2008 | 2009 | 2009 | 2009 | 2009 | 2008 | 2006 | 2006 | 2006 | |
| Amplitude | 0.4 + | 0.3 | 0.4 + | 0.4 + | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 - | 0.1 - | 0.2 | |
| Jahr | 2008 | 2008 | 2008 | 2008 | 2009 | 2009 | 2008 | 2013 | 2009 | 2008 | 2006 | 2006 | |
| Periode | Mittel | 11.5 °C | | Maximum | 12.0 (14.Mrz 2008) | | Minimum | 10.9 (25.Okt 2006) | | Amplitude | 1.1 °C | | |

Darstellung der letzten 12 Jahre

