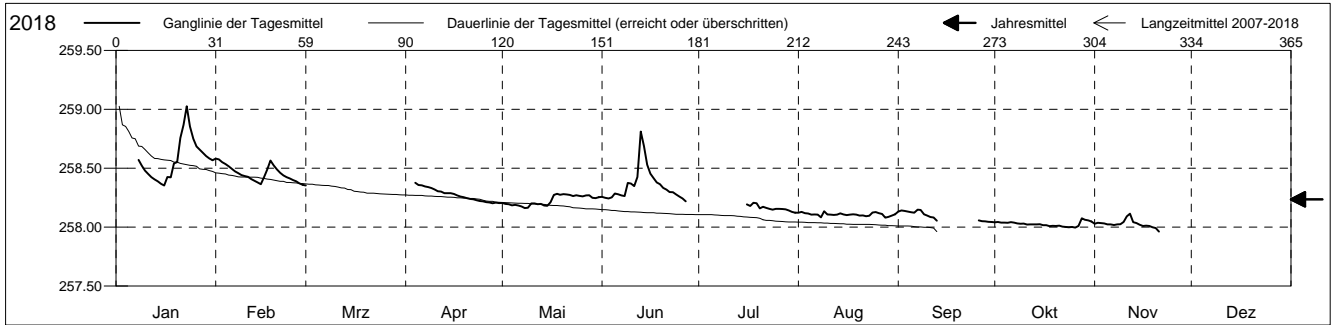


**Grundwasserstände**

Birstal  
 Münchenstein 20.J.90 Grün80  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

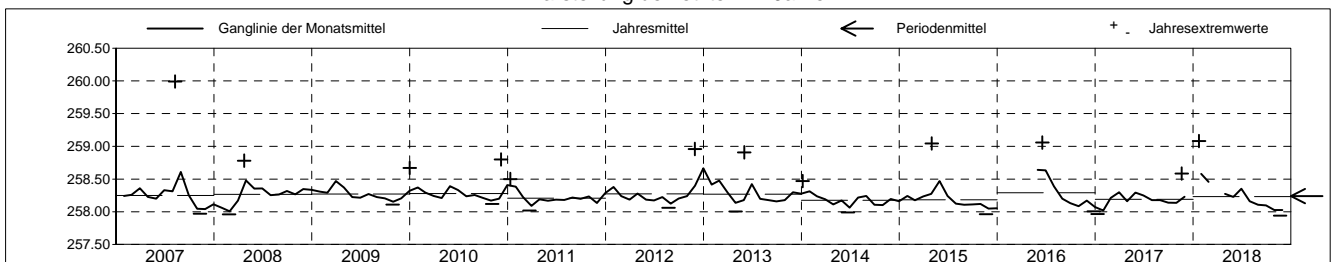
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2018	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1		258.58 +	258.35 +		258.20	258.26		258.12	258.13	258.04	258.03		1
2		258.57			258.20	258.25		258.13 +	258.14	258.04	258.04		2
3		258.55			258.19	258.24		258.12	258.14	258.04	258.03		3
4		258.54		258.38 +	258.18	258.25		258.12	258.13	258.04	258.03		4
5	Tagesmittel	258.52		258.36	258.19	258.28		258.11	258.13	258.04	258.02		5
6		258.49		258.35	258.18	258.28		258.11	258.12	258.04	258.02		6
7		258.47		258.34	258.18	258.27		258.11	258.15 +	258.04	258.02		7
8	258.57	258.46		258.34	258.16 -	258.26		258.08 -	258.15 +	258.03	258.02		8
9	258.52	258.44		258.33	258.16 -	258.37		258.13 +	258.11	258.03	258.02		9
10	258.48	258.43		258.32	258.20	258.37		258.11	258.10	258.03	258.04		10
11	258.45	258.43		258.30	258.20	258.35		258.11	258.09	258.02	258.09		11
12	258.42	258.41		258.30	258.19	258.42		258.10	258.08	258.02	258.11		12
13	258.41	258.39		258.29	258.20	258.81 +		258.11	258.05	258.02	258.04		13
14	258.39	258.38		258.29	258.18	258.69		258.12		258.02	258.03		14
15	258.37	258.36 -		258.29	258.18	258.53		258.11		258.02	258.02		15
16	258.35	258.42		258.28	258.21	258.45	258.19	258.10		258.02	258.01		16
17	258.42	258.49		258.27	258.27	258.42	258.18	258.11		258.02	258.01		17
18	258.42	258.56		258.26	258.28 +	258.38	258.21 +	258.11		258.01	258.01		18
19	258.54	258.52		258.25	258.27	258.36	258.20	258.11		258.01	258.00		19
20	258.55	258.49		258.25	258.28 +	258.33	258.16	258.10		258.01	257.99		20
21	258.76	258.46		258.24	258.28 +	258.32	258.17	258.10		258.01	257.96		21
22	258.87	258.44		258.24	258.27	258.30	258.16	258.09		258.00 -			22
23	259.03 +	258.42		258.23	258.26	258.30	258.16	258.10		258.00 -			23
24	258.85	258.41		258.22	258.27	258.28	258.15	258.12		258.00 -			24
25	258.75	258.40		258.22	258.27	258.26	258.16	258.13 +		258.00 -			25
26	258.68	258.39		258.21	258.26	258.24	258.16	258.12	258.06	258.00 -			26
27	258.66	258.37		258.21	258.27	258.22	258.15	258.11	258.05	258.01			27
28	258.63	258.36 -		258.20	258.27		258.15	258.08 -	258.05	258.07 +			28
29	258.60			258.21	258.25		258.14	258.09	258.05	258.06			29
30	258.58			258.20	258.25		258.13	258.10	258.04	258.06			30
31	258.57				258.25		258.12	258.11		258.05			31
Monatsmittel	258.58 +	258.46		258.27	258.23	258.35	258.16	258.11	258.10	258.03 -	258.03 -		
Maximum	259.08 +	258.63	258.38	258.39	258.31	258.99	258.21	258.16	258.17	258.10 -	258.14		
Datum	23.01	01.02	01.03	04.04	17.05	13.06	18.07	24.08	02.09	28.10	11.11		
Amplitude	0.76	0.30	0.05	0.22	0.17	0.79	0.12	0.12	0.16	0.14	0.19		
Jahr 2018	Mittel	258.24 m ü.M.		Maximum	259.08 (23.Jan)			Minimum	257.94 (21.Nov)			Amplitude	1.14 m



Periode	2007 - 2018												
Monatsmittel	258.30 +	258.26	258.25	258.25	258.29	258.30 +	258.23	258.23	258.18	258.15 -	258.19	258.27	
Maximum	259.08	258.77	258.61	258.78	259.04	259.06	258.63	259.99 +	258.74	258.51 -	258.96	258.88	
Jahr	2018	2013	2007	2008	2015	2016	2016	2007	2008	2008	2012	2012	
Minimum	257.96	257.96	257.96	258.01	258.04 +	257.99	258.01	258.04 +	258.01	257.96	257.94 -	257.97	
Jahr	2017	2008	2008	2013	2013	2014	2014	2018	2018	2018	2018	2015	
Amplitude	0.76	0.44 -	0.44 -	0.65	0.80	0.79	0.46	1.77 +	0.52	0.45	0.73	0.65	
Jahr	2018	2013	2008	2012	2015	2018	2014	2007	2008	2017	2012	2010	
Periode	Mittel	258.24 m ü.M.		Maximum	259.99 (09.Aug 2007)			Minimum	257.94 (21.Nov 2018)			Amplitude	2.05 m

Darstellung der letzten 12 Jahre

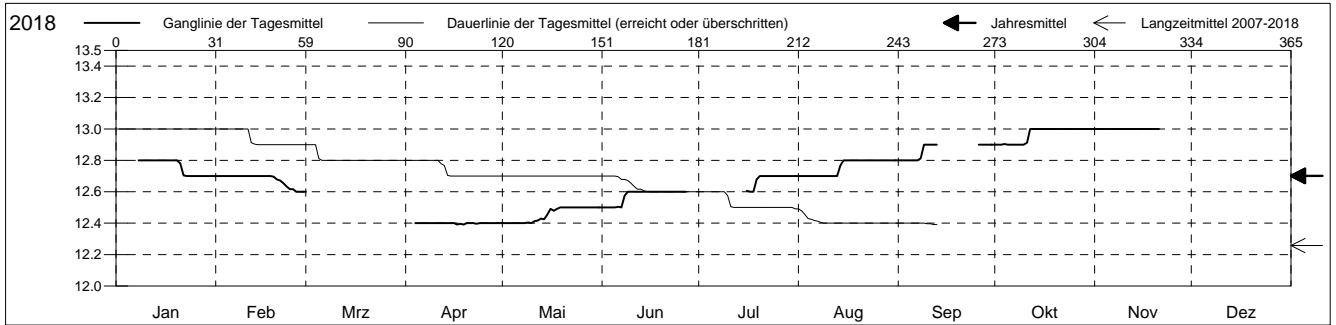


**Grundwassertemperatur**

Birstal  
 Münchenstein 20.J.90 Grün80  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

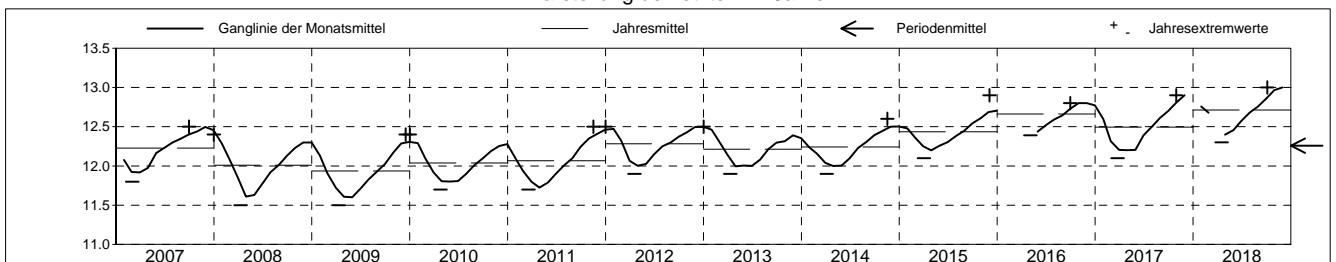
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2018	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1		12.7 +	12.6 +		12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		1
2		12.7 +			12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		2
3		12.7 +			12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		3
4		12.7 +		12.4 +	12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		4
5		12.7 +		12.4 +	12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		5
Tagesmittel													
6		12.7 +		12.4 +	12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		6
7		12.7 +		12.4 +	12.4 -	12.5		12.7 -	12.8	12.9 -	13.0 +		7
8	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.7 -	12.8	12.9 -	13.0 +		8
9	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.7 -	12.9 +	12.9 -	13.0 +		9
10	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.7 -	12.9 +	12.9 -	13.0 +		10
11	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.7 -	12.9 +	12.9 -	13.0 +		11
12	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.7 -	12.9 +	13.0 +	13.0 +		12
13	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.7 -	12.9 +	13.0 +	13.0 +		13
14	12.8 +	12.7 +		12.4 +	12.4 -	12.6 +		12.8 +		13.0 +	13.0 +		14
15	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +		12.8 +		13.0 +	13.0 +		15
Max. +													
16	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +	12.6	12.8 +		13.0 +	13.0 +		16
17	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +	12.6	12.8 +		13.0 +	13.0 +		17
18	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +	12.6	12.8 +		13.0 +	13.0 +		18
19	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +	13.0 +		19
20	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +	13.0 +		20
Min. -													
21	12.8 +	12.7 +		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +	13.0 +		21
22	12.7	12.7 +		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +			22
23	12.7	12.6 -		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +			23
24	12.7	12.6 -		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +			24
25	12.7	12.6 -		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +		13.0 +			25
26	12.7	12.6 -		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +	12.9 +	13.0 +			26
27	12.7	12.6 -		12.4 +	12.5 +	12.6 +	12.7 +	12.8 +	12.9 +	13.0 +			27
28	12.7	12.6 -		12.4 +	12.5 +		12.7 +	12.8 +	12.9 +	13.0 +			28
29	12.7			12.4 +	12.5 +		12.7 +	12.8 +	12.9 +	13.0 +			29
30	12.7			12.4 +	12.5 +		12.7 +	12.8 +	12.9 +	13.0 +			30
31	12.7				12.5 +		12.7 +	12.8 +		13.0 +			31
Monatsmittel	12.8	12.7		12.4 -	12.5	12.6	12.7	12.8	12.9	13.0 +	13.0 +		
Maximum	12.8	12.7	12.6	12.4 -	12.5	12.6	12.7	12.8	12.9	13.0 +	13.0 +		
Datum	08.01	01.02	01.03	04.04	09.05	06.06	16.07	14.08	08.09	04.10	01.11		
Minimum	12.7	12.6	12.6	12.3 -	12.4	12.5	12.6	12.7	12.8	12.9	13.0 +		
Datum	21.01	19.02	01.03	17.04	01.05	01.06	16.07	01.08	01.09	01.10	01.11		
Amplitude	0.1	0.1	0.0 +	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0 +		
Jahr 2018	Mittel	12.7 °C		Maximum	13.0 (04.Okt)		Minimum	12.3 (17.Apr)		Amplitude	0.7 °C		



Periode	2007 - 2018											
Monatsmittel	12.4	12.2	12.0 -	12.0 -	12.0 -	12.1	12.2	12.3	12.4	12.5 +	12.5 +	12.5 +
Maximum	12.8	12.7	12.6	12.4 -	12.5	12.6	12.7	12.8	12.9	13.0 +	13.0 +	12.9
Jahr	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2015
Minimum	11.9	11.8	11.6	11.5 -	11.5 -	11.6	11.7	11.8	11.9	12.1	12.2 +	12.2 +
Jahr	2007	2009	2008	2008	2008	2008	2009	2009	2009	2009	2008	2008
Amplitude	0.3	0.4 +	0.4 +	0.2 -	0.3	0.3	0.2 -	0.2 -	0.2 -	0.2 -	0.2 -	0.2 -
Jahr	2007	2010	2008	2007	2007	2017	2008	2009	2009	2009	2008	2008
Periode	Mittel	12.3 °C		Maximum	13.0 (04.Okt 2018)		Minimum	11.5 (09.Apr 2008)		Amplitude	1.5 °C	

Darstellung der letzten 12 Jahre

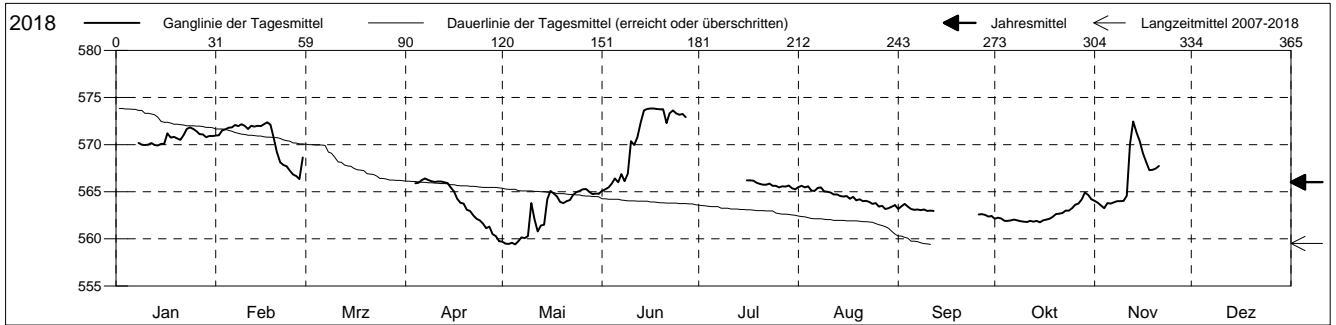


**Leitfähigkeit**

Birstal  
 Münchenstein 20.J.90 Grün80  
 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		571			560	565		566 +	563	562 -	564	
2		571			560	565		566 +	563	562 -	564	
3		572 +			559 -	565		564 +	562 -	564		
4		572 +		566 +	560	566		566 +	563	562 -	563	
5		572 +		566 +	559 -	566		565	563	562 -	564	
6		572 +		566 +	560	566		565	563	562 -	564	
7		572 +		566 +	560	567		565	563	562 -	564	
8	570	572 +		566 +	560	566		565	563	562 -	564	
9	570	572 +		566 +	560	567		565	563	562 -	564	
10	570	572 +		566 +	564	570		565	563	562 -	564	
11	570	572 +		566 +	562	570		565	563	562 -	565	
12	570	572 +		566 +	561	571		565	563	562 -	570	
13	570	572 +		566 +	561	572		565		562 -	572 +	
14	570	572 +		566 +	562	574 +		565		562 -	571	
15	570	572 +		565	564	574 +		565		562 -	570	
16	570	572 +		565	565 +	574 +	566 +	565		562 -	569	
17	571	572 +		564	565 +	574 +	566 +	564		562 -	568	
18	571	572 +		564	565 +	574 +	566 +	564		562 -	567	
19	571	571		564	564	574 +	566 +	564		562 -	567	
20	571	569		563	564	574 +	566 +	564		563	567	
21	571	568		563	564	572	566 +	564		563	568	
22	571	568		563	564	573	566 +	564		563		
23	572 +	568		562	565 +	574 +	566 +	564		563		
24	572 +	567		562	565 +	573	566 +	564		563		
25	572 +	567		562	565 +	573	566 +	564		563		
26	571	567		561	565 +	573	565	563 -	563	564		
27	571	566 -		561	565 +	573	566 +	564	563	564		
28	571	569		561	565 +		566 +	563 -	563	564		
29	571			560	565 +		566 +	563 -	562	565 +		
30	571			560	565 +		565	563 -	562	565 +		
31	571				565 +		565	564		564		
Monatsmittel	571 +	570		564	563 -	571 +	566	564	563 -	563 -	566	
Maximum	572	573		567	566	575 +	567	567	565 -	566	574	
Datum	17.01	07.02		05.04	10.05	13.06	16.07	01.08	02.09	29.10	13.11	
Minimum	567 +	565		556	555	546 -	564	563	562	556	563	
Datum	14.01	11.02		17.04	12.05	21.06	30.07	18.08	02.09	15.10	02.11	
Amplitude	5	8		11	11	29	3	4	3	10	11	
Jahr 2018	Mittel	566 µs/cm		Maximum	575 (13.Jun)	Minimum	546 (21.Jun)			Amplitude	29 µs/cm	



Periode	2007 - 2018											
Monatsmittel	565 +	565 +	561	557	556 -	558	558	558	557	558	561	562
Maximum	589	586	584	579	579	584	583	612 +	572 -	572 -	581	591
Jahr	2013	2017	2013	2013	2013	2013	2013	2007	2013	2013	2012	2012
Minimum	543 +	542	539	534	528	531	525 -	532	531	536	539	538
Jahr	2008	2008	2008	2009	2009	2009	2008	2008	2008	2008	2008	2008
Amplitude	15	25	13	19	14	29	14	61 +	15	10 -	15	19
Jahr	2017	2017	2011	2009	2015	2018	2008	2007	2007	2018	2017	2008
Periode	Mittel	560 µs/cm		Maximum	612 (10.Aug 2007)	Minimum	525 (20.Jul 2008)			Amplitude	87 µs/cm	

Darstellung der letzten 12 Jahre

