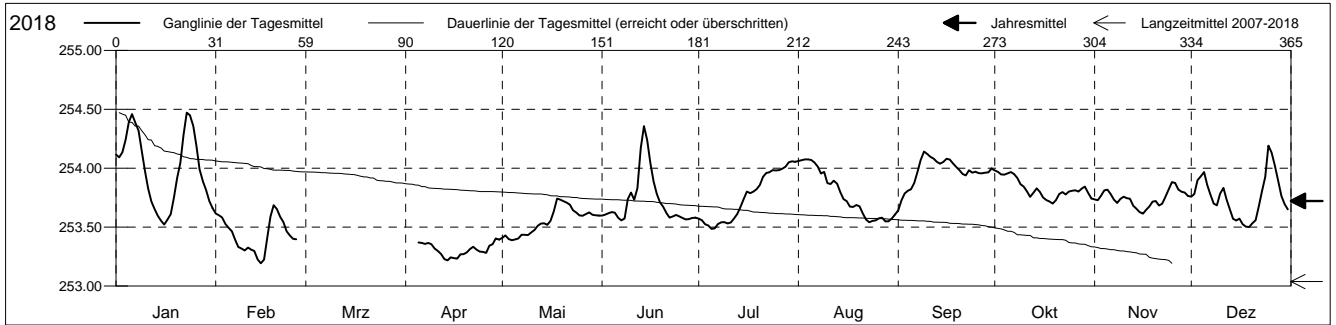


**Grundwasserstände**

Birstal  
 Muttentz 21.J.01 Asprain  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

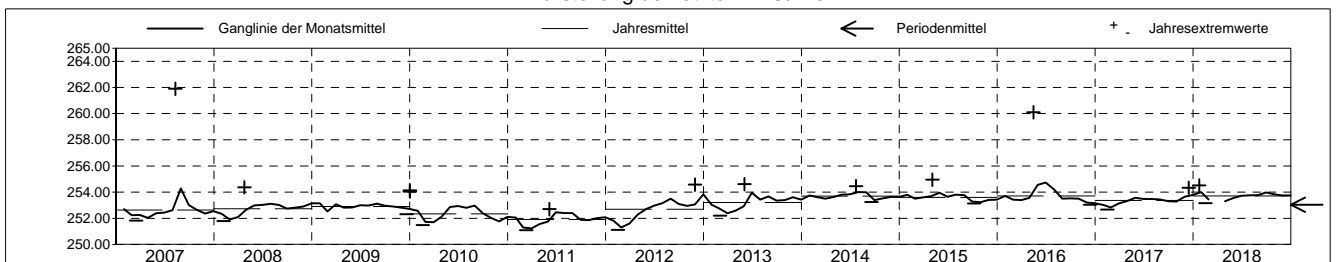
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2018	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	254.12	253.62			253.41	253.60	253.57	254.06	253.64 -	253.98 +	253.73	253.76	1
2	254.09	253.60			253.43	253.61	253.56	254.07 +	253.73	253.97	253.73	253.78	2
3	254.14	253.58			253.40	253.62	253.52	254.07 +	253.79	253.95	253.77	253.90	3
4	254.24	253.53			253.39 -	253.63	253.51	254.07 +	253.81	253.95	253.81	253.93	4
5	254.39	253.49		253.37	253.39 -	253.62	253.49 -	254.07 +	253.82	253.96	253.82	253.97	5
Tagesmittel													
6	254.46	253.46		253.36	253.40	253.58	253.49 -	254.05	253.87	253.97	253.78	253.86	6
7	254.39	253.39		253.36	253.43	253.56 -	253.53	254.01	253.97	253.95	253.73	253.77	7
8	254.32	253.33		253.36	253.43	253.57	253.54	253.96	254.07	253.92	253.71	253.70	8
9	254.14	253.32		253.35	253.43	253.74	253.54	253.97	254.14 +	253.86	253.74	253.69	9
10	253.98	253.30		253.32	253.45	253.79	253.53	253.87	254.12	253.84	253.76	253.78	10
11	253.83	253.33		253.30	253.48	253.73	253.54	253.87	254.10	253.80	253.75	253.83	11
12	253.72	253.31		253.27	253.51	253.83	253.57	253.89	254.08	253.76	253.74	253.73	12
13	253.65	253.30		253.23	253.53	254.17	253.61	253.87	254.05	253.79	253.68	253.65	13
14	253.60	253.23		253.22	253.53	254.36 +	253.67	253.80	254.04	253.83	253.66	253.57	14
15	253.55	253.19		253.24	253.52	254.24	253.74	253.74	254.05	253.80	253.63	253.56	15
Max. +													
16	253.52 -	253.22		253.24	253.55	254.04	253.80	253.72	254.08	253.75	253.61 -	253.57	16
17	253.56	253.41		253.23	253.64	253.89	253.79	253.67	254.07	253.73	253.65	253.52	17
18	253.61	253.59		253.27	253.74 +	253.78	253.80	253.67	254.04	253.72	253.68	253.50 -	18
19	253.75	253.69 +		253.27	253.73	253.71	253.82	253.69	254.01	253.70 -	253.72	253.50 -	19
20	253.92	253.65		253.28	253.72	253.67	253.86	253.68	253.98	253.73	253.72	253.53	20
Min. -													
21	254.04	253.59		253.31	253.71	253.62	253.93	253.61	253.95	253.78	253.68	253.56	21
22	254.28	253.54		253.33	253.69	253.58	253.96	253.56	253.94	253.80	253.70	253.68	22
23	254.47 +	253.46		253.31	253.64	253.59	253.97	253.54 -	253.98	253.78	253.76	253.81	23
24	254.45	253.43		253.29	253.62	253.60	253.98	253.56	253.96	253.80	253.82	253.92	24
25	254.36	253.40		253.29	253.60	253.59	253.98	253.56	253.97	253.81	253.88 +	254.19 +	25
26	254.19	253.40		253.28	253.60	253.58	253.98	253.57	253.96	253.81	253.87	254.13	26
27	253.99			253.34	253.61	253.57	254.00	253.58	253.96	253.80	253.82	254.02	27
28	253.89			253.35	253.62	253.57	254.01	253.55	253.96	253.83	253.80	253.89	28
29	253.81			253.40 +	253.60	253.58	254.05	253.55	253.96	253.84	253.79	253.76	29
30	253.72			253.39	253.60	253.58	254.06 +	253.57	254.00	253.79	253.77	253.70	30
31	253.66				253.60		254.05	253.61		253.74		253.65	31
Monatsmittel	253.99 +	253.44		253.31 -	253.55	253.72	253.76	253.78	253.97	253.83	253.74	253.76	
Maximum	254.52 +	253.69		253.43 -	253.77	254.37	254.07	254.08	254.16	254.00	253.89	254.21	
Datum	23.01	19.02		29.04	18.05	13.06	29.07	02.08	09.09	01.10	25.11	25.12	
Amplitude	1.02	0.53		0.23	0.39	0.82	0.59	0.55	0.54	0.31	0.29	0.72	
Jahr 2018	Mittel	253.72 m ü.M.		Maximum	254.52 (23.Jan)	Minimum	253.16 (16.Feb)			Amplitude	1.36 m		



Periode	2007 - 2018											
Monatsmittel	252.99	252.55	252.54 -	252.79	253.16	253.35	253.31	253.45 +	253.08	253.00	253.01	253.13
Maximum	254.52	253.96 -	254.11	254.40	260.10	257.13	254.81	261.90 +	254.16	254.19	254.57	254.48
Jahr	2018	2013	2015	2016	2016	2016	2016	2007	2018	2012	2012	2013
Minimum	251.34	251.11	251.09 -	251.33	251.64	252.09	252.18 +	252.13	251.69	251.75	251.57	251.54
Jahr	2012	2012	2011	2011	2011	2007	2011	2011	2011	2010	2010	2010
Amplitude	2.26	1.72	1.46	2.39	6.59	3.10	1.04 -	9.34 +	1.50	1.65	2.05	1.73
Jahr	2010	2013	2007	2008	2016	2016	2016	2007	2008	2012	2012	2010
Periode	Mittel	253.04 m ü.M.		Maximum	261.90 (10.Aug 2007)	Minimum	251.09 (11.Mrz 2011)			Amplitude	10.81 m	

Darstellung der letzten 12 Jahre

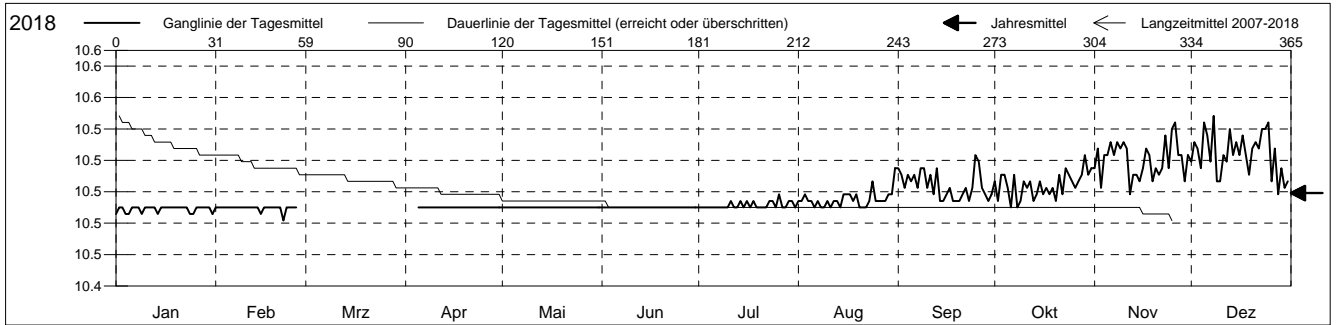


**Grundwassertemperatur**

Birstal  
 Muttenz 21.J.01 Asprain  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

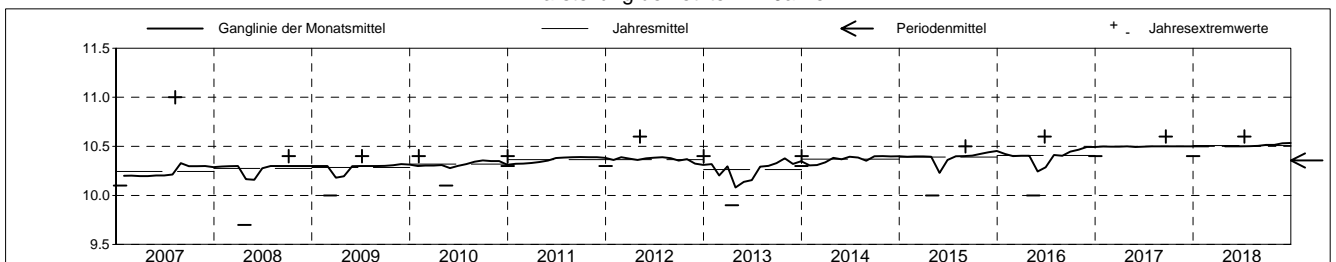
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2018	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	10.5 +	10.5 +			10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	1
2	10.5 +	10.5 +			10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	2
3	10.5 +	10.5 +			10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	3
4	10.5 +	10.5 +			10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	4
5	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.6 +	5
6	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	6
7	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	7
8	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.6 +	8
9	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	9
10	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	10
11	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	11
12	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	12
13	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.6 +	13
14	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	14
15	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	15
Max. +													
16	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	16
17	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	17
18	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	18
19	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	19
20	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	20
Min. -													
21	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	21
22	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	22
23	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.6 +	23
24	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.6 +	24
25	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.6 +	10.6 +	25
26	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.6 +	10.5 -	26
27	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	27
28	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	28
29	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	29
30	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	30
31	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 -	10.5 -	31
Monatsmittel	10.5 +	10.5 +		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	
Maximum	10.5 -	10.5 -		10.5 -	10.5 -	10.5 -	10.6 +	10.6 +	10.6 +	10.6 +	10.6 +	10.6 +	
Datum	01.01	01.02		05.04	01.05	01.06	11.07	01.08	01.09	01.10	01.11	01.12	
Minimum	10.4 -	10.4 -		10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	10.5 +	
Datum	01.01	15.02		05.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.1	0.1		0.0 +	0.0 +	0.0 +	0.1	0.1	0.1	0.1	0.1	0.1	
Jahr 2018	Mittel	10.5 °C	Maximum	10.6 (11.Jul)	Minimum	10.4 (01.Jan)	Amplitude	0.2 °C					



Periode	2007 - 2018												
Monatsmittel	10.4 +	10.3 -	10.3 -	10.3 -	10.3 -	10.3 -	10.4 +	10.4 +	10.4 +	10.4 +	10.4 +	10.4 +	
Maximum	10.5 -	10.5 -	10.5 -	10.5 -	10.6	10.6	10.6	11.0 +	10.6	10.6	10.6	10.6	
Jahr	2016	2016	2016	2016	2012	2016	2018	2007	2017	2017	2018	2018	
Minimum	10.1	10.0	10.0	9.7 -	10.0	10.0	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	
Jahr	2007	2013	2009	2008	2008	2013	2007	2007	2007	2007	2007	2007	
Amplitude	0.2	0.3	0.3	0.6	0.4	0.5	0.2	0.8 +	0.1 -	0.1 -	0.1 -	0.1 -	
Jahr	2007	2013	2009	2008	2015	2016	2013	2007	2007	2007	2007	2007	
Periode	Mittel	10.4 °C	Maximum	11.0 (09.Aug 2007)	Minimum	9.7 (24.Apr 2008)	Amplitude	1.3 °C					

Darstellung der letzten 12 Jahre

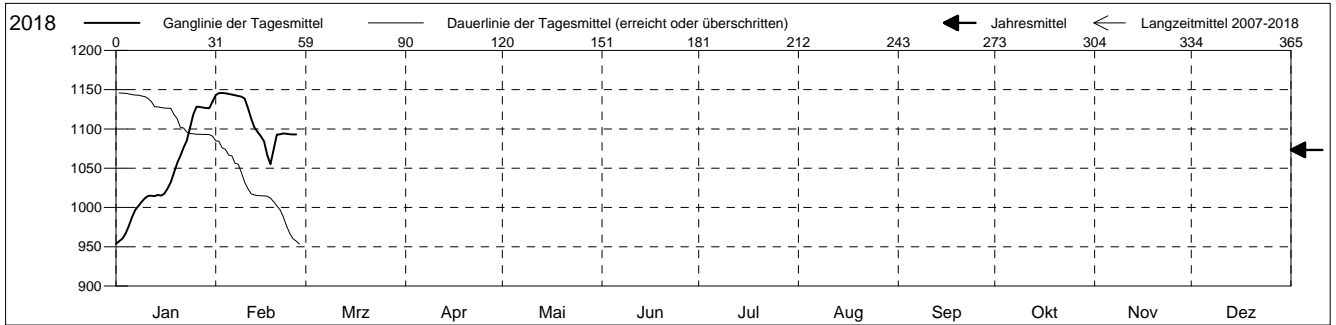


**Leitfähigkeit**

Birstal  
 Muttenz 21.J.01 Asprain  
 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	954 -	1143											1
2	957	1146 +											2
3	960	1146 +											3
4	967	1145											4
5	977	1145											5
Tagesmittel													
6	988	1144											6
7	997	1143											7
8	1002	1142											8
9	1007	1141											9
10	1012	1139											10
11	1015	1126											11
12	1015	1113											12
13	1014	1102											13
14	1016	1096											14
15	1015	1091											15
Max. +													
16	1017	1084											16
17	1024	1067											17
18	1032	1055											18
19	1044	1074											19
20	1056	1093											20
Min. -													
21	1066	1093											21
22	1076	1094											22
23	1085	1094											23
24	1101	1093											24
25	1118	1093											25
26	1128	1093											26
27	1128												27
28	1127												28
29	1127												29
30	1126												30
31	1135 +												31
Monatsmittel	1041 -	1111 +											
Maximum	1139 -	1148 +											
Datum	31.01	03.02											
Minimum	951 -	1046 +											
Datum	01.01	18.02											
Amplitude	188	102											
Jahr 2018	Mittel	1073 µs/cm	Maximum	1148 (03.Feb)	Minimum	951 (01.Jan)	Amplitude	197 µs/cm					



Periode	2007 - 2018												
Monatsmittel	841	878	908	928	943 +	879	822	796	751	692 -	722	777	
Maximum	1139	1148	1068	1149	1236 +	1171	1169	1072	1041	921	906 -	1122	
Jahr	2018	2018	2007	2015	2015	2013	2013	2007	2007	2007	2012	2012	
Minimum	672	745 +	716	720	672	619	618	587 -	587 -	597	601	609	
Jahr	2016	2017	2008	2012	2011	2011	2011	2010	2011	2008	2009	2011	
Amplitude	188	241	246	322	313	206	274	356 +	194	208	135 -	244	
Jahr	2018	2013	2007	2008	2010	2007	2013	2007	2014	2007	2017	2012	
Periode	Mittel	828 µs/cm	Maximum	1236 (04.Mai 2015)	Minimum	587 (15.Aug 2010)	Amplitude	649 µs/cm					

Darstellung der letzten 12 Jahre

