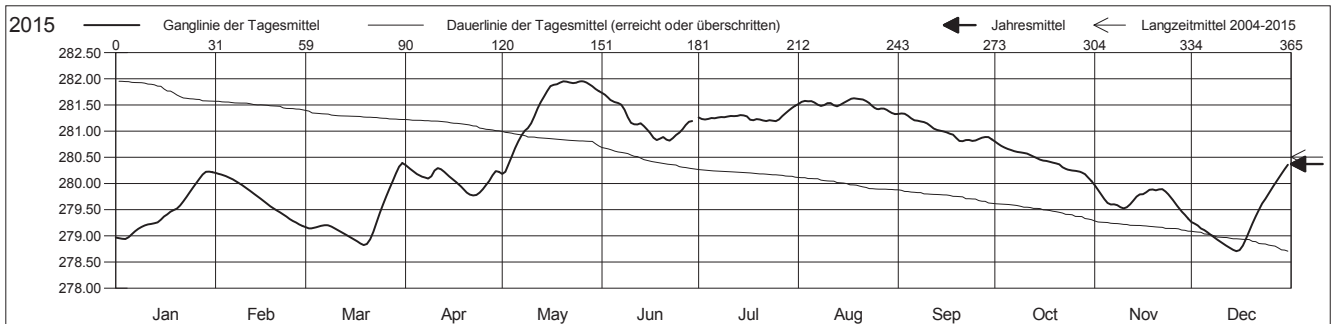


**Grundwasserstände**

Birstal  
 Aesch 11.J.19 Fiechten  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

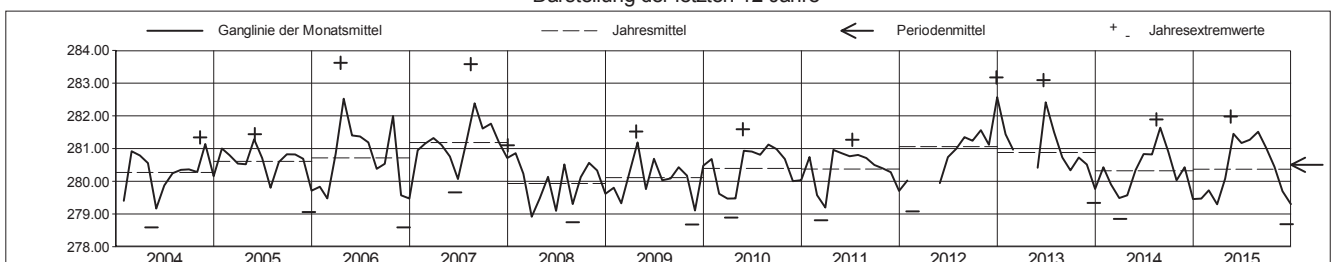
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	278.97	280.20 +	279.17	280.35 +	280.18 -	281.73 +	281.26	281.52	281.33	280.80 +	279.97 +	279.26	1
2	278.96	280.18	279.14	280.30	280.22	281.69	281.23	281.56	281.34 +	280.76	279.88	279.23	2
3	278.94 -	280.17	279.14	280.25	280.37	281.63	281.22	281.58	281.33	280.72	279.79	279.20	3
4	278.94 -	280.14	279.16	280.20	280.52	281.58	281.23	281.57	281.29	280.69	279.70	279.14	4
5	278.97	280.12	279.18	280.16	280.67	281.56	281.25	281.57	281.24	280.66	279.63	279.11	5
Tagesmittel													
6	279.03	280.09	279.19	280.14	280.81	281.54	281.25	281.55	281.21	280.64	279.60	279.07	6
7	279.09	280.06	279.20	280.11	280.92	281.50	281.26	281.51	281.20	280.62	279.60	279.02	7
8	279.13	280.02	279.20	280.09	281.01	281.41	281.27	281.48	281.18	280.60	279.59	278.98	8
9	279.17	279.97	279.18	280.14	281.06	281.27	281.27	281.50	281.17	280.59	279.55	278.93	9
10	279.20	279.94	279.14	280.25	281.15	281.16	281.28	281.53	281.15	280.58	279.52	278.89	10
11	279.22	279.89	279.11	280.29	281.28	281.13	281.29	281.54	281.10	280.57	279.55	278.85	11
12	279.23	279.85	279.07	280.27	281.43	281.13	281.29	281.49	281.05	280.54	279.60	278.80	12
13	279.24	279.80	279.04	280.22	281.55	281.15	281.29	281.47	281.02	280.51	279.67	278.77	13
14	279.26	279.76	279.00	280.17	281.66	281.10	281.31	281.50	281.01	280.49	279.75	278.73	14
Max. +	279.31	279.71	278.97	280.11	281.77	281.03	281.30	281.54	281.00	280.46	279.79	278.71 -	15
16	279.37	279.66	278.93	280.06	281.86	280.96	281.28	281.57	280.98	280.44	279.79	278.73	16
17	279.41	279.61	278.89	280.01	281.88	280.87	281.22	281.61	280.95	280.43	279.83	278.81	17
18	279.46	279.56	278.85	279.95	281.90	280.83	281.21	281.63 +	280.93	280.42	279.88	278.94	18
19	279.49	279.52	278.82 -	279.89	281.93	280.86	281.23	281.62	280.87	280.40	279.89	279.09	19
20	279.52	279.49	278.84	279.83	281.95 +	280.89	281.22	281.61	280.81 -	280.38	279.87	279.24	20
Min. -													
21	279.58	279.45	278.93	279.79	281.94	280.84	281.20	281.60	280.81 -	280.37	279.89	279.37	21
22	279.66	279.41	279.08	279.77 -	281.93	280.82	281.19 -	281.57	280.83	280.31	279.89	279.50	22
23	279.74	279.37	279.26	279.78	281.92	280.86	281.21	281.54	280.83	280.28	279.85	279.62	23
24	279.84	279.32	279.44	279.83	281.93	280.93	281.20	281.48	280.81 -	280.26	279.78	279.70	24
25	279.92	279.28	279.60	279.89	281.95 +	280.97	281.19 -	281.43	280.82	280.25	279.71	279.80	25
26	280.01	279.25	279.75	279.97	281.95 +	281.03	281.22	281.42	280.85	280.24	279.62	279.90	26
27	280.09	279.22	279.90	280.05	281.93	281.12	281.29	281.43	280.87	280.23	279.54	280.00	27
28	280.17	279.19 -	280.04	280.16	281.90	281.18	281.34	281.42	280.89	280.21	279.47	280.09	28
29	280.22		280.19	280.24	281.86	281.19	281.39	281.38	280.89	280.18	279.40	280.18	29
30	280.23 +		280.32	280.22	281.81		281.44	281.35	280.84	280.11	279.33 -	280.27	30
31	280.22		280.39 +		281.77		281.48 +	281.33 -		280.05 -		280.36 +	31
Monatsmittel	279.47	279.72	279.30 -	280.08	281.45	281.17	281.27	281.51 +	281.02	280.44	279.70	279.30 -	
Maximum	280.26	280.23	280.42	280.37	281.98 +	281.75	281.51	281.66	281.36	280.83	280.01 -	280.42	
Datum	29.01	01.02	31.03	01.04	20.05	01.06	31.07	18.08	02.09	01.10	01.11	31.12	
Amplitude	1.36	1.08	1.63	0.64	1.84	0.98	0.36	0.36	0.60	0.81	0.70	1.73	
Jahr 2015	Mittel	280.37 m ü.M.		Maximum	281.98 (20.May)		Minimum	278.69 (15.Dec)		Amplitude	3.29 m		



Periode	2004 - 2015												
Monatsmittel	280.39	280.15	280.01 -	280.55	280.54	280.72	280.76	280.85 +	280.74	280.79	280.34	280.08	
Maximum	282.88	281.42 -	282.11	283.62 +	282.55	283.09	282.35	283.58	281.83	282.77	281.62	283.17	
Jahr	2013	2013	2006	2006 +	2006	2013	2013	2007	2007	2006	2012	2012	
Minimum	278.86	278.99	278.78	278.85	278.59 -	278.78	279.14	278.75	278.77	279.59 +	278.68	278.59 -	
Jahr	2004	2011	2008	2014	2004	2008	2005	2008	2008	2009	2009	2006	
Amplitude	2.60	1.73	3.01 +	2.38	1.84	1.73	1.64 -	2.28	2.11	2.06	1.89	2.24	
Jahr	2013	2008	2006	2006	2015	2013	2008	2007	2008	2006	2006	2006	
Periode	Mittel	280.50 m ü.M.		Maximum	283.62 (18.Apr 2006)		Minimum	278.59 (13.May 2004)		Amplitude	5.03 m		

Darstellung der letzten 12 Jahre

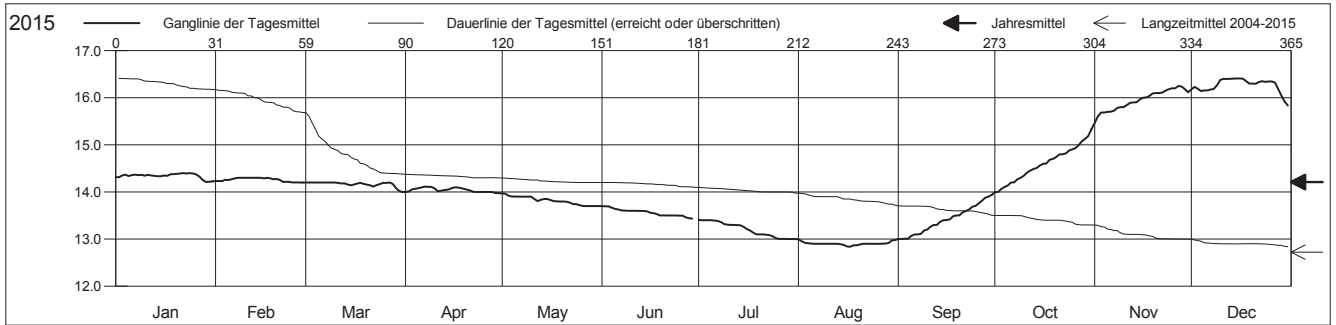


**Grundwassertemperatur**

Birstal  
 Aesch 11.J.19 Fiechten  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

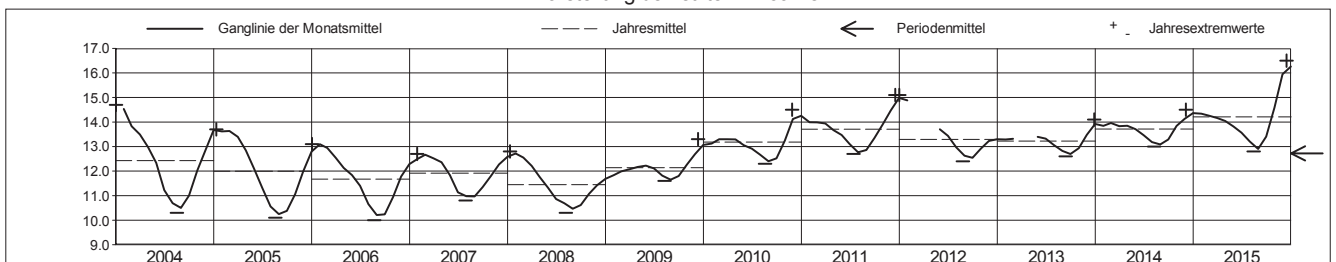
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	14.3	14.2 -	14.2 +	14.0 -	14.0 +	13.7 +	13.4 +	13.0 +	13.0 -	14.0 -	15.5 -	16.2	1
2	14.3	14.2 -	14.2 +	14.0 -	14.0 +	13.7 +	13.4 +	13.0 +	13.0 -	14.0 -	15.6	16.2	2
3	14.4 +	14.2 -	14.2 +	14.1 +	13.9	13.7 +	13.4 +	12.9	13.0 -	14.1	15.7	16.2	3
4	14.4 +	14.3 +	14.2 +	14.1 +	13.9	13.7 +	13.4 +	12.9	13.0 -	14.1	15.7	16.1	4
5	14.3	14.3 +	14.2 +	14.1 +	13.9	13.6	13.4 +	12.9	13.1	14.1	15.7	16.2	5
6	14.4 +	14.3 +	14.2 +	14.1 +	13.9	13.6	13.4 +	12.9	13.1	14.2	15.7	16.2	6
7	14.4 +	14.3 +	14.2 +	14.1 +	13.9	13.6	13.4 +	12.9	13.1	14.2	15.7	16.2	7
8	14.4 +	14.3 +	14.2 +	14.1 +	13.9	13.6	13.4 +	12.9	13.1	14.3	15.8	16.2	8
9	14.4 +	14.3 +	14.2 +	14.1 +	13.9	13.6	13.3	12.9	13.2	14.3	15.8	16.3	9
10	14.3	14.3 +	14.2 +	14.1 +	13.9	13.6	13.3	12.9	13.2	14.3	15.8	16.4 +	10
11	14.4 +	14.3 +	14.2 +	14.0 -	13.9	13.6	13.3	12.9	13.3	14.4	15.8	16.4 +	11
12	14.4 +	14.3 +	14.2 +	14.0 -	13.8	13.6	13.3	12.9	13.3	14.5	15.9	16.4 +	12
13	14.3	14.3 +	14.2 +	14.0 -	13.8	13.6	13.3	12.9	13.3	14.5	15.9	16.4 +	13
14	14.3	14.3 +	14.2 +	14.0 -	13.9	13.6	13.3	12.9	13.4	14.5	15.9	16.4 +	14
15	14.3	14.3 +	14.1	14.1 +	13.9	13.6	13.3	12.9	13.4	14.6	16.0	16.4 +	15
16	14.4 +	14.3 +	14.2 +	14.1 +	13.8	13.6	13.2	12.8 -	13.4	14.6	16.0	16.4 +	16
17	14.3	14.3 +	14.2 +	14.1 +	13.8	13.6	13.2	12.8 -	13.4	14.6	16.0	16.4 +	17
18	14.4 +	14.3 +	14.2 +	14.1 +	13.8	13.5	13.1	12.9	13.5	14.7	16.0	16.4 +	18
19	14.4 +	14.3 +	14.2 +	14.1 +	13.8	13.5	13.1	12.9	13.5	14.7	16.1	16.3	19
20	14.4 +	14.3 +	14.2 +	14.1 +	13.8	13.5	13.1	12.9	13.5	14.7	16.1	16.3	20
21	14.4 +	14.3 +	14.1	14.0 -	13.8	13.5	13.1	12.9	13.6	14.8	16.1	16.3	21
22	14.4 +	14.2 -	14.1	14.0 -	13.8	13.5	13.1	12.9	13.6	14.8	16.1	16.3	22
23	14.4 +	14.2 -	14.1	14.0 -	13.7 -	13.5	13.1	12.9	13.6	14.8	16.2	16.3	23
24	14.4 +	14.2 -	14.2 +	14.0 -	13.7 -	13.5	13.1	12.9	13.7	14.9	16.2	16.3	24
25	14.4 +	14.2 -	14.2 +	14.0 -	13.7 -	13.5	13.0 -	12.9	13.7	14.9	16.2	16.3	25
26	14.4 +	14.2 -	14.2 +	14.0 -	13.7 -	13.5	13.0 -	12.9	13.8	14.9	16.2	16.3	26
27	14.3	14.2 -	14.2 +	14.0 -	13.7 -	13.5	13.0 -	12.9	13.8	15.0	16.3 +	16.3	27
28	14.3	14.2 -	14.2 +	14.0 -	13.7 -	13.4	13.0 -	12.9	13.9 +	15.1	16.2	16.2	28
29	14.2 -		14.1	14.0 -	13.7 -	13.4	13.0 -	12.9	13.9 +	15.1	16.2	16.0	29
30	14.2 -		14.0 -	14.0 -	13.7 -	13.0 -	13.0 -	13.0 +	13.9 +	15.2	16.1	15.9	30
31	14.2 -		14.0 -		13.7 -		13.0 -	13.0 +		15.3 +		15.8 -	31
Monatsmittel	14.3	14.3	14.2	14.0	13.8	13.6	13.2	12.9 -	13.4	14.6	15.9	16.3 +	
Maximum	14.4	14.3	14.2	14.2	14.0	13.7	13.5	13.0 -	14.0	15.4	16.3	16.5 +	
Datum	01.01	01.02	01.03	05.04	01.05	01.06	01.07	01.08	30.09	31.10	24.11	14.12	
Minimum	14.2	14.2	14.0	13.9	13.7	13.4	13.0	12.8 -	13.0	13.9	15.3	15.8 +	
Datum	28.01	01.02	29.03	28.04	19.05	25.06	22.07	14.08	01.09	01.10	01.11	30.12	
Amplitude	0.2	0.1	0.2	0.3	0.3	0.3	0.5	0.2	1.0	1.5	1.0	0.7	
Jahr 2015	Mittel	14.2 °C		Maximum	16.5 (14.Dec)		Minimum	12.8 (14.Aug)		Amplitude	3.7 °C		



Periode	2004 - 2015												
Monatsmittel	13.5	13.3	13.1	12.9	12.7	12.3	11.9	11.7 -	11.9	12.5	13.2	13.6 +	
Maximum	15.1	14.9	14.2	14.2	14.0	13.7	13.5	13.1 -	14.0	15.4	16.3	16.5 +	
Jahr	2012	2012	2015	2015	2015	2015	2015	2011	2015	2015	2015	2015	
Minimum	11.7	11.9 +	11.9 +	11.4	10.9	10.6	10.3	10.0 -	10.0 -	10.5	11.3	11.6	
Jahr	2009	2009	2008	2008	2008	2008	2005	2006	2006	2006	2008	2008	
Amplitude	0.8	0.3 -	0.5	0.7	1.0	0.9	0.6	0.4	1.0	1.5 +	1.0	0.8	
Jahr	2004	2006	2008	2005	2004	2005	2004	2011	2015	2015	2015	2005	
Periode	Mittel	12.7 °C		Maximum	16.5 (14.Dec 2015)		Minimum	10.0 (21.Aug 2006)		Amplitude	6.5 °C		

Darstellung der letzten 12 Jahre

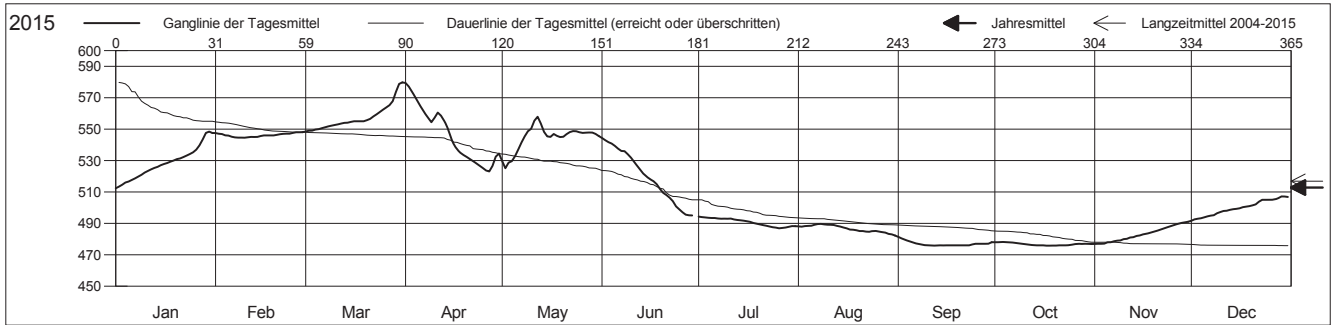


**Leitfähigkeit**

Birstal  
 Aesch 11.J.19 Fichten  
 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

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	512 -	548 +	549 -	579 +	530	544 +	494 +	488	481 +	478 +	477 -	492 -	1
2	513	547	549 -	577	525 -	543	494 +	488	480	478 +	477 -	493	2
3	515	547	549 -	574	529	542	494 +	488	480	478 +	477 -	493	3
4	516	546	550	571	530	541	494 +	488	479	478 +	477 -	493	4
5	517	546	550	566	533	539	493	489	478	478 +	478	494	5
6	518	545 -	551	563	537	538	493	489	477	478 +	478	494	6
7	519	545 -	551	560	542	536	493	490 +	477	478 +	479	495	7
8	520	545 -	552	557	545	536	493	490 +	476 -	477	479	495	8
9	521	545 -	552	554	549	534	493	489	476 -	477	479	496	9
10	522	545 -	553	557	550	532	493	489	476 -	477	480	497	10
11	523	545 -	553	561	555	529	493	489	476 -	477	480	498	11
12	524	545 -	554	559	558 +	526	493	489	476 -	476 -	481	498	12
13	525	545 -	554	555	554	524	492	488	476 -	476 -	481	499	13
14	526	545 -	554	551	548	521	492	488	476 -	476 -	482	499	14
15	527	546	555	545	545	520	492	487	476 -	476 -	482	499	15
Max. +													
16	528	546	555	540	545	518	491	487	476 -	476 -	483	500	16
17	528	546	555	537	547	517	491	486	476 -	476 -	483	500	17
18	529	546	555	535	546	515	490	486	476 -	476 -	484	501	18
19	530	546	555	534	545	512	490	486	476 -	476 -	484	501	19
20	531	546	556	532	545	509	489	485	476 -	476 -	485	501	20
Min. -													
21	531	547	557	531	547	508	489	485	476 -	476 -	486	502	21
22	532	547	558	530	548	506	489	485	476 -	476 -	486	504	22
23	533	547	559	528	549	504	488	485	476 -	476 -	487	505	23
24	534	547	561	527	549	501	488	485	477	476 -	488	505	24
25	535	548 +	562	525	548	499	487 -	485	477	476 -	489	505	25
26	537	548 +	564	524	548	497	487 -	485	477	477	489	505	26
27	540	548 +	565	523 -	548	496	487 -	484	477	477	490	505	27
28	543	548 +	568	527	548	495	487 -	484	477	477	490	506	28
29	548 +		574	533	548	495	488	483	477	477	491 +	507 +	29
30	548 +		579	534	547		488	483	478	477	491 +	507 +	30
31	548 +		580 +		546		488	482 -		477		507 +	31
Monatsmittel	528	546	557 +	546	545	520	491	487	477 -	477 -	483	500	
Maximum	551	551	581 +	580	562	547	495	490	482	478 -	492	508	
Datum	29.01	01.02	30.03	01.04	12.05	01.06	01.07	01.08	01.09	01.10	30.11	28.12	
Minimum	512	543	548 +	522	520	493	486	482	475 -	475 -	476	491	
Datum	01.01	04.02	01.03	27.04	02.05	29.06	26.07	31.08	15.09	17.10	01.11	01.12	
Amplitude	39	8	33	58	42	54	9	8	7	3	16	17	
Jahr 2015	Mittel	513 µs/cm	Maximum	581 (30.Mar)	Minimum	475 (15.Sep)	Amplitude	106 µs/cm					



Periode	2004 - 2015												
Monatsmittel	535	530	537	541 +	528	517	506	502	500	498 -	505	515	
Maximum	589	568	617 +	596	600	590	556	552	544 -	563	564	583	
Jahr	2013	2004	2006 +	2006	2006	2013	2013	2007	2006	2006	2012	2012	
Minimum	499 +	490	490	486	472	469	472	482	471	468 -	476	484	
Jahr	2008	2008	2008	2004	2004	2004	2004	2004	2014	2014	2015	2010	
Amplitude	65	28 -	103 +	58	60	54	55	67	46	45	51	67	
Jahr	2004	2004	2006	2015	2009	2013	2013	2007	2006	2006	2012	2010	
Periode	Mittel	517 µs/cm	Maximum	617 (16.Mar 2006)	Minimum	468 (09.Oct 2014)	Amplitude	149 µs/cm					

Darstellung der letzten 12 Jahre

