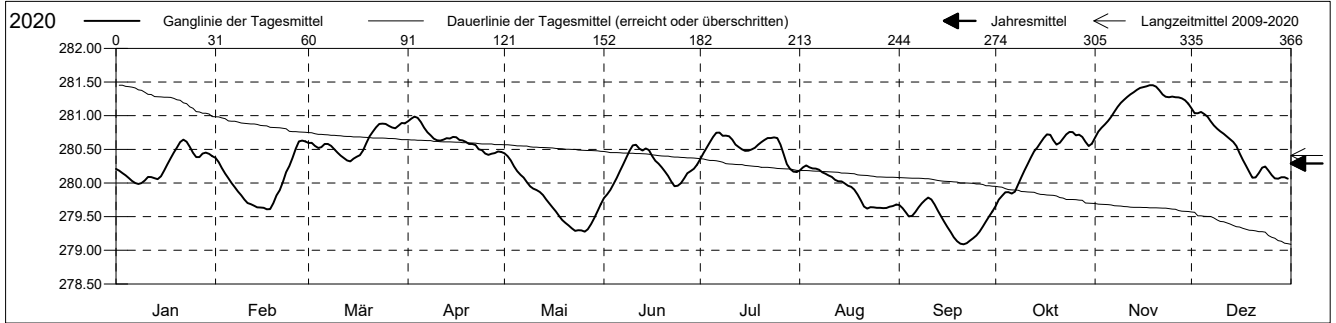


**Grundwasserstände**

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

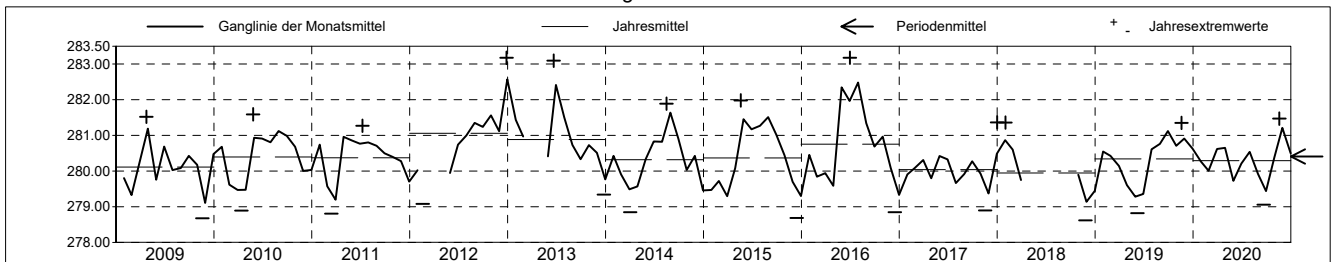
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2020	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	280.21	280.37	280.59	280.92	280.44 +	279.78 -	280.36	280.19	279.67	279.66 -	280.68 -	281.11 +	1
2	280.18	280.31	280.60	280.96	280.40	279.83	280.45	280.23	279.63	279.75	280.76	281.04	2
3	280.15	280.22	280.55	280.99 +	280.33	279.90	280.53	280.26 +	279.56	279.81	280.82	281.04	3
4	280.11	280.14	280.52	280.97	280.25	279.99	280.61	280.23	279.50	279.86	280.87	281.06	4
5	280.07	280.07	280.53	280.91	280.18	280.08	280.68	280.22	279.51	279.86	280.92	281.03	5
Tagesmittel													
6	280.03	280.00	280.58	280.82	280.12	280.18	280.75 +	280.21	279.57	279.84	280.98	280.98	6
7	280.00	279.94	280.58	280.75	280.08	280.28	280.75 +	280.20	279.64	279.87	281.06	280.92	7
8	279.99 -	279.87	280.55	280.71	280.02	280.38	280.70	280.16	279.70	279.98	281.13	280.86	8
9	280.00	279.82	280.50	280.66	279.95	280.48	280.70	280.14	279.74	280.09	281.19	280.81	9
10	280.04	279.75	280.45	280.64	279.92	280.56	280.70	280.11	279.78 +	280.19	281.24	280.77	10
11	280.09	279.70	280.41	280.63	279.89	280.57 +	280.65	280.09	279.75	280.28	281.28	280.73	11
12	280.09	279.69	280.37	280.64	279.87	280.51	280.57	280.05	279.68	280.38	281.32	280.69	12
13	280.07	279.66	280.34	280.66	279.82	280.48	280.53	280.03	279.59	280.47	281.35	280.65	13
14	280.06	279.64	280.32 -	280.66	279.75	280.51	280.50	280.02	279.50	280.53	281.38	280.61	14
Max. +	280.10	279.64	280.36	280.68	279.70	280.49	280.48	280.00	279.43	280.60	281.41	280.55	15
16	280.19	279.63	280.39	280.68	279.64	280.40	280.48	279.96	279.35	280.67	281.42	280.44	16
17	280.27	279.61 -	280.41	280.64	279.58	280.33	280.50	279.94	279.27	280.72	281.44	280.35	17
18	280.37	279.61 -	280.49	280.63	279.51	280.29	280.52	279.90	279.19	280.71	281.45 +	280.26	18
19	280.45	279.70	280.59	280.61	279.45	280.23	280.57	279.83	279.13	280.64	281.45 +	280.17	19
Min. -	280.53	279.82	280.69	280.58	279.41	280.17	280.61	279.74	279.10	280.57	281.45	280.08	20
21	280.61	279.89	280.76	280.58	279.37	280.10	280.64	279.65	279.09 -	280.60	281.38	280.08	21
22	280.64 +	280.02	280.83	280.56	279.33	280.02	280.67	279.62 -	279.11	280.66	281.31	280.15	22
23	280.61	280.16	280.88	280.50	279.29	279.95	280.67	279.64	279.14	280.72	281.28	280.23	23
24	280.54	280.25	280.88	280.49	279.30	279.96	280.68	279.64	279.18	280.76 +	281.27	280.24	24
25	280.45	280.37	280.88	280.44	279.30	280.00	280.67	279.63	279.22	280.75	281.29	280.18	25
26	280.39	280.51	280.85	280.42 -	279.28 -	280.07	280.57	279.63	279.28	280.71	281.27	280.12	26
27	280.39	280.62	280.82	280.43	279.31	280.15	280.43	279.63	279.35	280.72	281.27	280.07	27
28	280.44	280.63 +	280.81	280.45	279.39	280.18	280.28	279.63	279.43	280.69	281.26	280.06 -	28
29	280.45	280.62	280.85	280.47	279.48	280.21	280.21	279.65	279.50	280.61	281.23	280.08	29
30	280.43		280.89 +	280.46	279.58	280.27	280.17	279.66	279.58	280.55	281.18	280.09	30
31	280.40		280.89 +		279.68		280.16 -			280.59		280.06 -	31
Monatsmittel	280.27	280.01	280.62	280.65	279.73	280.21	280.54	279.92	279.44 -	280.38	281.21 +	280.50	
Maximum	280.67	280.65	280.92	281.01	280.46	280.59	280.77	280.28	279.82 -	280.79	281.47 +	281.13	
Datum	22.01	27.02	30.03	03.04	01.05	11.06	06.07	03.08	10.09	24.10	18.11	01.12	
Amplitude	0.72	1.08	0.64	0.63	1.21	0.87	0.64	0.69	0.76	1.20	0.86	1.11	
Jahr 2020	Mittel	280.29 m ü.M.		Maximum	281.47 (18.Nov)		Minimum	279.06 (21.Sep)		Amplitude	2.41 m		



Periode	2009 - 2020												
Monatsmittel	280.39	280.01	279.85 -	280.10	280.50	280.85	280.87 +	280.83	280.63	280.49	280.16	280.14	
Maximum	282.88	281.42	281.20 -	281.52	283.16	283.18 +	283.17	281.89	281.53	281.85	281.62	283.17	
Jahr	2013	2013	2009	2009	2016	2016	2016	2014	2012	2012	2012	2012	
Minimum	278.90	278.99	278.80	278.85	279.11	278.82	279.54	279.59 +	279.06	279.51	278.62 -	278.69	
Jahr	2015	2011	2015	2014	2019	2019	2017	2020	2020	2017	2018	2015	
Amplitude	2.60 +	1.42	1.72	1.98	2.18	2.01	1.52	0.93 -	1.59	1.20	1.68	1.73	
Jahr	2013	2018	2009	2016	2016	2016	2013	2016	2014	2020	2011	2015	
Periode	Mittel	280.41 m ü.M.		Maximum	283.18 (30.Jun 2016)		Minimum	278.62 (26.Nov 2018)		Amplitude	4.56 m		

Darstellung der letzten 12 Jahre

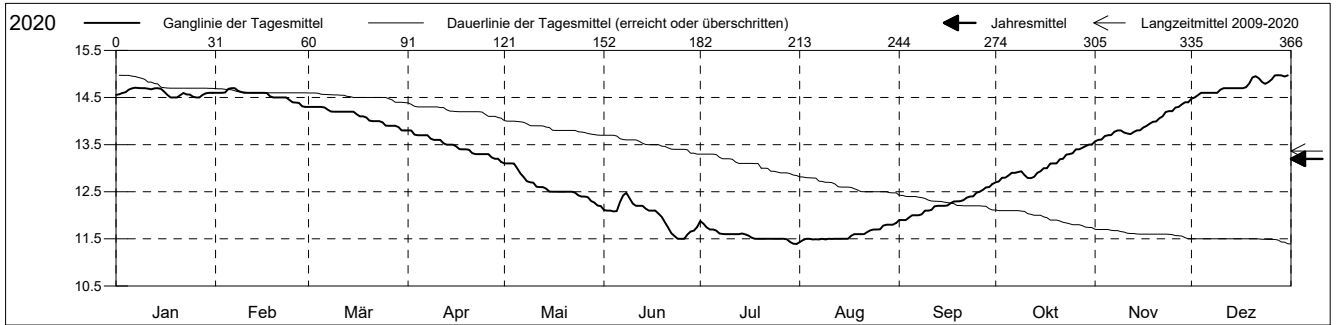


**Grundwassertemperatur**

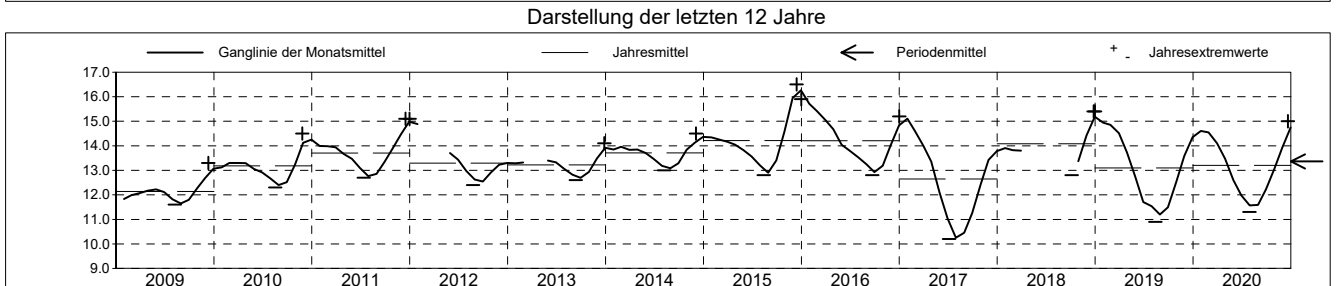
Birstal  
 Aesch 11.J.19 Fiechten  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

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

2020	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	14.6	14.6	14.3 +	13.8 +	13.1 +	12.1	11.9 +	11.4 -	11.9 -	12.7 -	13.6 -	14.5 -	1
2	14.6	14.6	14.3 +	13.8 +	13.1 +	12.1	11.8	11.5	11.9 -	12.7 -	13.6 -	14.5 -	2
3	14.6	14.6	14.3 +	13.7	13.1 +	12.1	11.7	11.5	11.9 -	12.8	13.6 -	14.6	3
4	14.6	14.6	14.3 +	13.7	13.1 +	12.1	11.7	11.5	11.9 -	12.8	13.7	14.6	4
5	14.7 +	14.7 +	14.3 +	13.7	13.0	12.1	11.7	11.5	12.0	12.8	13.7	14.6	5
Tagesmittel													
6	14.7 +	14.7 +	14.3 +	13.7	12.9	12.3	11.7	11.5	12.0	12.9	13.7	14.6	6
7	14.7 +	14.7 +	14.2	13.7	12.8	12.4	11.6	11.5	12.0	12.9	13.8	14.6	7
8	14.7 +	14.6	14.2	13.6	12.7	12.5 +	11.6	11.5	12.0	12.9	13.8	14.6	8
9	14.7 +	14.6	14.2	13.6	12.7	12.4	11.6	11.5	12.1	12.9	13.8	14.6	9
10	14.7 +	14.6	14.2	13.6	12.7	12.3	11.6	11.5	12.1	12.9	13.8	14.7	10
11	14.7 +	14.6	14.2	13.6	12.6	12.2	11.6	11.5	12.1	12.8	13.7	14.7	11
12	14.7 +	14.6	14.2	13.5	12.6	12.2	11.6	11.5	12.2	12.8	13.7	14.7	12
13	14.7 +	14.6	14.2	13.5	12.6	12.2	11.6	11.5	12.2	12.8	13.8	14.7	13
14	14.7 +	14.6	14.2	13.5	12.6	12.1	11.6	11.5	12.2	12.9	13.8	14.7	14
15	14.7 +	14.6	14.2	13.5	12.5	12.1	11.6	11.5	12.2	12.9	13.8	14.7	15
Max. +													
16	14.6	14.6	14.1	13.5	12.5	12.1	11.6	11.5	12.2	13.0	13.9	14.7	16
17	14.6	14.6	14.1	13.4	12.5	12.1	11.5	11.6	12.3	13.0	13.9	14.7	17
18	14.5 -	14.5	14.1	13.4	12.5	12.0	11.5	11.6	12.3	13.1	13.9	14.7	18
19	14.5 -	14.5	14.1	13.4	12.5	12.0	11.5	11.6	12.3	13.1	14.0	14.8	19
20	14.5 -	14.5	14.0	13.4	12.5	11.9	11.5	11.6	12.3	13.1	14.0	14.9	20
Min. -													
21	14.6	14.5	14.0	13.3	12.5	11.7	11.5	11.6	12.3	13.2	14.1	15.0 +	21
22	14.6	14.5	14.0	13.3	12.5	11.6	11.5	11.6	12.4	13.2	14.1	14.9	22
23	14.6	14.5	14.0	13.3	12.5	11.6	11.5	11.7	12.4	13.3	14.2	14.8	23
24	14.6	14.4	14.0	13.3	12.4	11.5 -	11.5	11.7	12.4	13.3	14.2	14.8	24
25	14.5 -	14.4	13.9	13.3	12.4	11.5 -	11.5	11.7	12.5	13.3	14.2	14.8	25
26	14.5 -	14.4	13.9	13.3	12.4	11.5 -	11.5	11.7	12.5	13.4	14.3	14.9	26
27	14.5 -	14.4	13.9	13.2	12.4	11.6	11.5	11.8 +	12.5	13.4	14.3	15.0 +	27
28	14.6	14.3 -	13.9	13.2	12.3	11.7	11.5	11.8 +	12.6	13.4	14.4 +	15.0 +	28
29	14.6	14.3 -	13.9	13.2	12.3	11.7	11.4 -	11.8 +	12.6	13.5 +	14.4 +	15.0 +	29
30	14.6		13.8 -	13.1 -	12.2 -	11.8	11.4 -	11.8 +	12.7 +	13.5 +	14.4 +	14.9	30
31	14.6		13.8 -		12.2 -		11.4 -	11.8 +		13.5 +		15.0 +	31
Monatsmittel	14.6	14.5	14.1	13.5	12.6	12.0	11.6 -	11.6 -	12.2	13.1	13.9	14.7 +	
Maximum	14.8	14.7	14.3	13.8	13.1	12.5	12.0	11.9 -	12.7	13.6	14.4	15.0 +	
Datum	06.01	04.02	01.03	01.04	01.05	07.06	14.07	31.08	30.09	31.10	28.11	20.12	
Minimum	14.5 +	14.3	13.8	13.1	12.1	11.5	11.3 -	11.3 -	11.9	12.7	13.5	14.4	
Datum	01.01	26.02	29.03	30.04	31.05	23.06	30.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.3	0.4	0.5	0.7	1.0	1.0	0.7	0.6	0.8	0.9	0.9	0.6	
Jahr 2020	Mittel	13.2 °C		Maximum	15.0 (20.Dez)		Minimum	11.3 (30.Jul)		Amplitude	3.7 °C		



Periode	2009 - 2020												
Monatsmittel	14.1	14.0	13.9	13.6	13.2	12.8	12.4	12.3 -	12.5	13.2	14.0	14.4 +	
Maximum	15.9	15.7	15.3	14.9	14.5	13.9	13.7	13.5 -	14.0	15.4	16.3	16.5 +	
Jahr	2016	2016	2016	2016	2016	2016	2016	2016	2015	2015	2015	2015	
Minimum	11.7	11.9	11.9	12.0	11.7	10.3	10.2 -	10.2 -	10.7	11.7	12.5	12.8 +	
Jahr	2009	2009	2009	2009	2017	2017	2017	2017	2017	2017	2009	2009	
Amplitude	0.6 -	0.6 -	0.7	0.9	1.3	1.4	1.0	0.7	1.1	1.5 +	1.1	0.7	
Jahr	2019	2017	2017	2019	2017	2017	2019	2017	2017	2015	2016	2015	
Periode	Mittel	13.4 °C		Maximum	16.5 (14.Dez 2015)		Minimum	10.2 (05.Jul 2017)		Amplitude	6.3 °C		

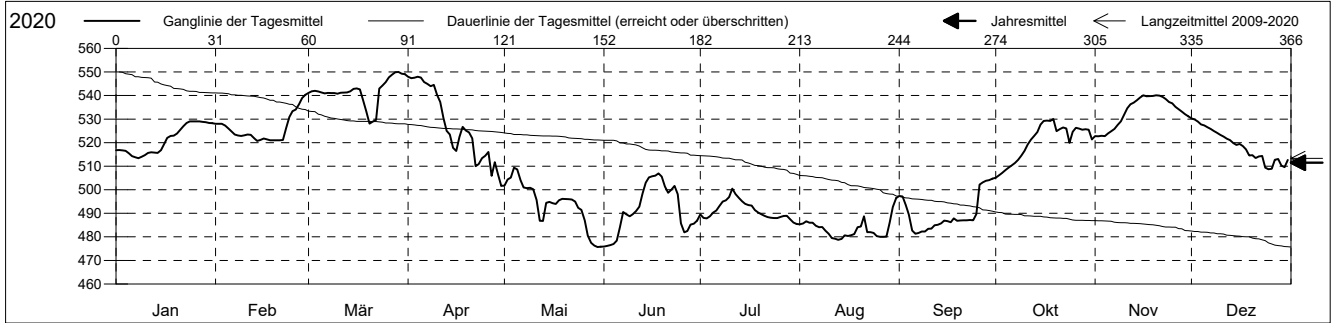


**Leitfähigkeit**

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

2020	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	517	528	541	548 +	502	476 -	490	485	497	505 -	523 -	530 +	1
2	517	528	542	547	504	476 -	488	486	497	506	523 -	530 +	2
3	517	528	542	548 +	505	476 -	488	487	494	507	523 -	529	3
4	517	527	542	548 +	509 +	477	489	486	489	508	523 -	528	4
5	515	526	541	548 +	509 +	478	490	486	483	509	524	527	5
6	514	525	541	546	504	484	491	485	481 -	510	525	527	6
7	514	523	541	545	501	491	493	484	482	511	526	526	7
8	513 -	523	541	544	501	490	495	484	482	513	528	525	8
9	514	523	541	545	501	489	496	483	482	514	529	524	9
10	515	523	541	540	500	490	497	481	483	517	532	523	10
11	516	523	541	537	496	491	501 +	480	483	519	535	523	11
12	516	523	541	530	487	493	498	479 -	485	521	536	522	12
13	516	522	541	525	487	498	497	479 -	485	523	537	521	13
14	516	521 -	542	523	494	503	495	479 -	486	525	538	520	14
15	517	521 -	543	518	495	505	494	481	487	528	539	519	15
16	519	522	543	516	494	506	494	480	487	529	540 +	519	16
17	522	521 -	543	522	494	506	493	481	486	529	540 +	519	17
18	523	521 -	538	527	496	507 +	491	481	488	529	540 +	517	18
19	523	521 -	533	525	496	506	490	484	487	530 +	540 +	515	19
20	524	521 -	528 -	524	496	501	490	484	487	525	540 +	515	20
21	525	521 -	529	522	496	499	489	489	487	526	540 +	513	21
22	527	521 -	530	510	496	500	488	482	487	526	539	514	22
23	528	526	543	511	495	502	488	482	487	526	539	514	23
24	529 +	531	544	513	492	498	488	482	487	520	537	509 -	24
25	529 +	533	546	514	491	486	488	480	490	525	537	509 -	25
26	529 +	534	548	516	487	482	488	480	502	526	535	509 -	26
27	529 +	536	549	506	481	483	489	480	503	526	534	513	27
28	529 +	539	550 +	512	477	485	489	480	504	526	533	513	28
29	529 +	540 +	550 +	507	476 -	486	488	486	504	526	532	510	29
30	528	549	549	502 -	476 -	487	486	493	505 +	526	531	510	30
31	528	549	549	476 -	476 -	485 -	485 -	497 +	521	521	513	513	31
Monatsmittel	521	526	542 +	527	494	492	491	483 -	490	520	533	519	
Maximum	530	541	556 +	550	511	508	515	500 -	510	531	542	531	
Datum	24.01	29.02	23.03	09.04	04.05	18.06	01.07	21.08	18.09	19.10	16.11	01.12	
Minimum	512	520	525 +	501	475 -	475 -	480	478	481	504	521	505	
Datum	06.01	14.02	20.03	27.04	29.05	01.06	31.07	11.08	05.09	01.10	01.11	24.12	
Amplitude	18	21	31	49	36	33	35	22	29	27	21	26	
Jahr 2020	Mittel	511 µs/cm	Maximum	556 (23.Mär)	Minimum	475 (29.Mai)	Amplitude	81 µs/cm					



Periode	2009 - 2020												
Monatsmittel	535	532	536 +	535	521	514	504	496	490 -	492	500	514	
Maximum	589	559	597 +	595	591	590	556	537	517 -	531	564	583	
Jahr	2013	2018	2009	2009	2013	2013	2013	2012	2009	2020	2012	2012	
Minimum	494	505 +	482	467	462 -	464	477	476	471	468	476	484	
Jahr	2017	2016	2019	2019	2019	2019	2017	2017	2014	2014	2015	2010	
Amplitude	55	35	65	58	60	54	55	37	35	31 -	51	67 +	
Jahr	2010	2019	2009	2015	2009	2013	2013	2016	2014	2019	2012	2010	
Periode	Mittel	513 µs/cm	Maximum	597 (20.Mär 2009)	Minimum	462 (21.Mai 2019)	Amplitude	135 µs/cm					

Darstellung der letzten 12 Jahre

