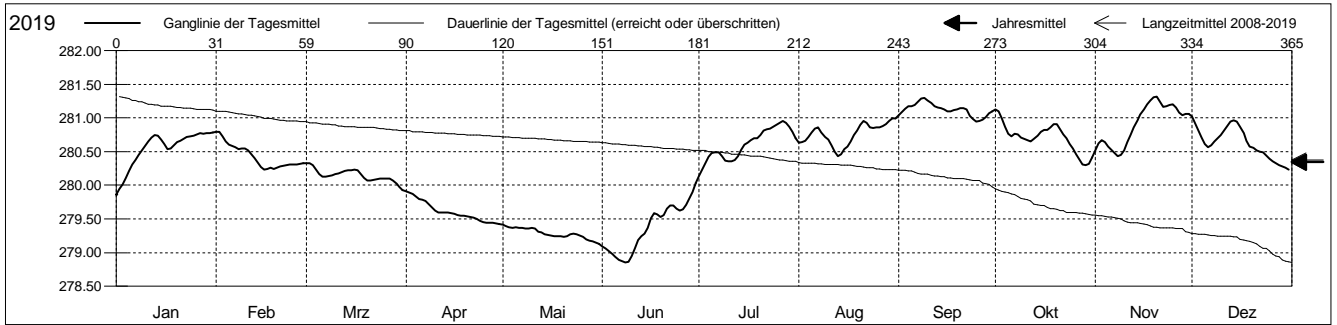


Grundwasserstände

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

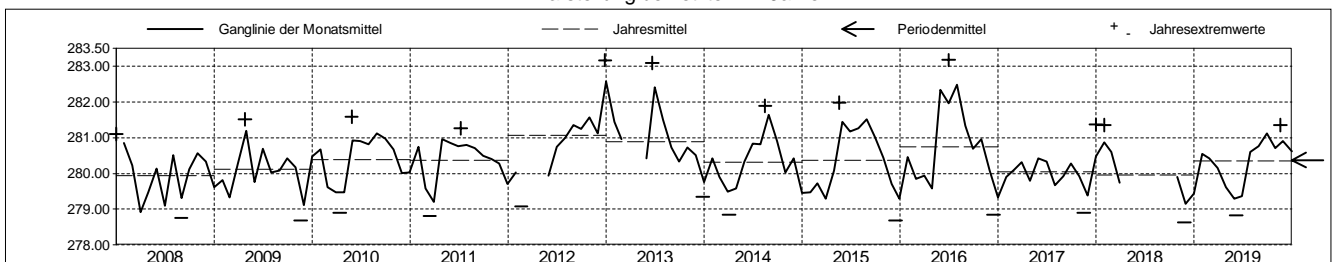
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2019	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	279.86 -	280.79 +	280.33 +	279.91 +	279.41 +	279.09	280.13 -	280.63	281.04	281.13 +	280.52	281.02 +	1
2	279.94	280.79 +	280.32	279.89	279.39	279.06	280.23	280.64	281.09	281.10	280.62	280.92	2
3	280.01	280.73	280.30	279.87	279.38	279.02	280.32	280.66	281.13	280.99	280.67	280.81	3
4	280.11	280.65	280.24	279.83	279.37	278.98	280.42	280.72	281.17	280.87	280.64	280.71	4
5	280.22	280.60	280.16	279.80	279.37	278.94	280.48	280.79	281.17	280.77	280.58	280.61	5
Tagesmittel													
6	280.31	280.59	280.13	279.79	279.37	278.90	280.48	280.84	281.19	280.73	280.53	280.56	6
7	280.38	280.56	280.13	279.76	279.36	278.87	280.49	280.86	281.24	280.77	280.47	280.60	7
8	280.45	280.53	280.13	279.72	279.36	278.85 -	280.43	280.79	281.28	280.76	280.43 -	280.65	8
9	280.52	280.55	280.15	279.67	279.36	278.86	280.36	280.71	281.30 +	280.71	280.45	280.70	9
10	280.59	280.55	280.17	279.62	279.36	278.95	280.35	280.68	281.26	280.69	280.52	280.75	10
11	280.65	280.51	280.17	279.60	279.36	279.07	280.36	280.60	281.23	280.67	280.64	280.81	11
12	280.70	280.46	280.20	279.59	279.31	279.19	280.37	280.50	281.17	280.65	280.75	280.88	12
13	280.74	280.41	280.21	279.60	279.30	279.25	280.44	280.44 -	281.15	280.69	280.86	280.95	13
14	280.74	280.33	280.22	279.60	279.27	279.28	280.53	280.46	281.14	280.74	280.96	280.96	14
15	280.68	280.27	280.22	279.59	279.26	279.37	280.60	280.54	281.13	280.79	281.06	280.94	15
Max. +													
16	280.61	280.24 -	280.23	279.58	279.25	279.51	280.63	280.58	281.10	280.83	281.13	280.87	16
17	280.54	280.24 -	280.22	279.56	279.24	279.59	280.67	280.65	281.10	280.83	281.21	280.77	17
18	280.54	280.26	280.16	279.55	279.24	279.57	280.70	280.74	281.12	280.86	281.26	280.66	18
19	280.59	280.24 -	280.11	279.54	279.24	279.53	280.70	280.82	281.13	280.90	281.31	280.58	19
20	280.64	280.26	280.07	279.54	279.24	279.56	280.75	280.90	281.14	280.91	281.32 +	280.55	20
Min. -													
21	280.66	280.28	280.07	279.53	279.25	279.65	280.81	280.96	281.15	280.83	281.24	280.52	21
22	280.69	280.29	280.08	279.52	279.27	279.70	280.83	280.93	281.13	280.76	281.16	280.50	22
23	280.72	280.30	280.09	279.50	279.28	279.70	280.84	280.86	281.03	280.70	281.17	280.49	23
24	280.73	280.31	280.10	279.47	279.27	279.65	280.87	280.85	280.98	280.62	281.19	280.44	24
25	280.74	280.31	280.10	279.45	279.25	279.62	280.90	280.86	280.95 -	280.54	281.20	280.40	25
26	280.75	280.31	280.10	279.44	279.23	279.65	280.92	280.86	280.95 -	280.46	281.16	280.36	26
27	280.78 +	280.32	280.10	279.44	279.20	279.71	280.95 +	280.88	280.98	280.38	281.08	280.32	27
28	280.77	280.32	280.07	279.44	279.17	279.80	280.93	280.91	281.01	280.31	281.04	280.30	28
29	280.78 +		280.02	279.43 -	279.16	279.90	280.87	280.95	281.07	280.30 -	281.06	280.28	29
30	280.77		279.98	279.43 -	279.15	280.03 +	280.80	280.99 +	281.10	280.32	281.06	280.26	30
31	280.78 +		279.93 -		279.13 -		280.70	280.99 +		280.41		280.24 -	31
Monatsmittel	280.55	280.43	280.15	279.61	279.28 -	279.36	280.61	280.76	281.12 +	280.71	280.91	280.63	
Maximum	280.81	280.82	280.35	279.93	279.44 -	280.09	280.98	281.02	281.33	281.16	281.35 +	281.05	
Datum	27.01	01.02	01.03	01.04	01.05	30.06	27.07	30.08	09.09	01.10	19.11	01.12	
Amplitude	1.01	0.62	0.44	0.53	0.33	1.27	0.89	0.62	0.42	0.90	0.95	0.84	
Jahr 2019	Mittel	280.34 m ü.M.		Maximum	281.35 (19.Nov)		Minimum	278.82 (08.Jun)		Amplitude	2.53 m		



Periode	2008 - 2019												
Monatsmittel	280.43	280.03	279.68 -	279.97	280.54	280.75	280.86 +	280.77	280.69	280.51	280.08	280.07	
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	278.78	278.85	279.11	278.78	279.38	278.75	278.77	279.51 +	278.62 -	278.69	
Jahr	2015	2011	2008	2014	2019	2008	2008	2008	2008	2017	2018	2015	
Amplitude	2.60 +	1.73	1.72	1.98	2.18	2.01	1.64	1.40	2.11	1.09 -	1.68	1.73	
Jahr	2013	2008	2009	2016	2016	2016	2008	2008	2008	2008	2011	2015	
Periode	Mittel	280.38 m ü.M.		Maximum	283.18 (30.Jun 2016)		Minimum	278.62 (26.Nov 2018)		Amplitude	4.56 m		

Darstellung der letzten 12 Jahre

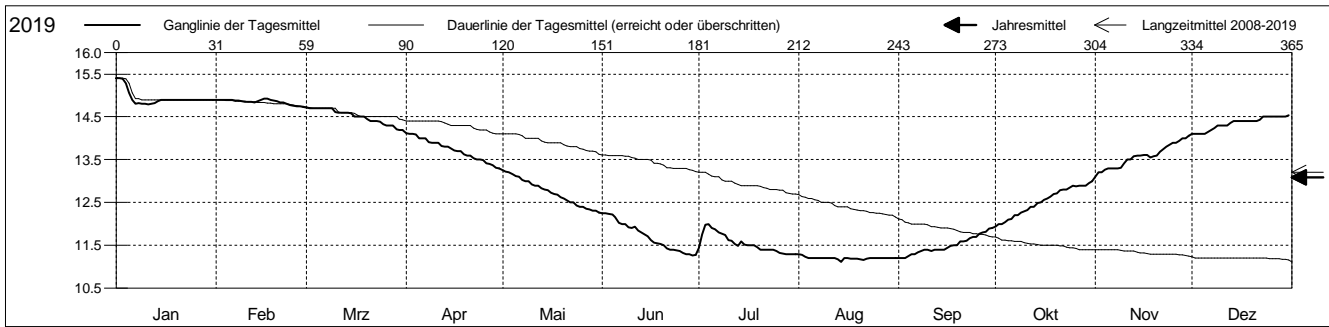


Grundwassertemperatur

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

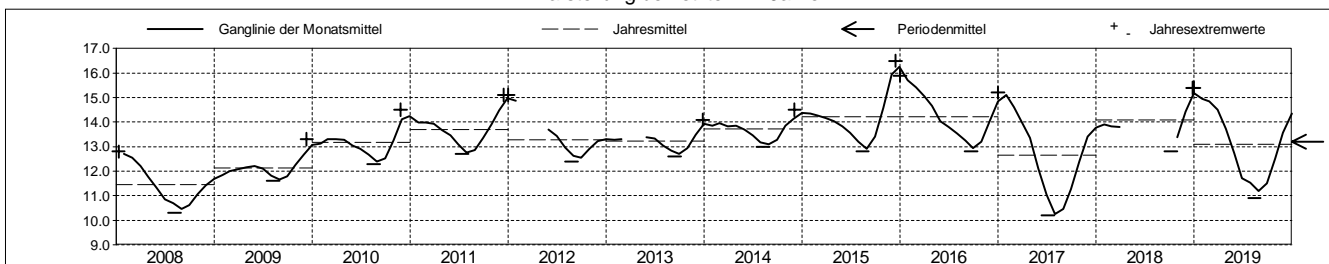
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2019	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	15.4 +	14.9 +	14.7 +	14.1 +	13.3 +	12.3 +	11.4	11.3 +	11.2 -	11.9 -	13.1 -	14.1 -	1
2	15.4 +	14.9 +	14.7 +	14.1 +	13.2	12.2	11.8	11.3 +	11.2 -	12.0	13.2	14.1 -	2
3	15.4 +	14.9 +	14.7 +	14.1 +	13.2	12.2	12.0 +	11.2	11.2 -	12.0	13.2	14.1 -	3
4	15.3	14.9 +	14.7 +	14.1 +	13.2	12.2	12.0 +	11.2	11.2 -	12.0	13.3	14.1 -	4
5	15.1	14.9 +	14.7 +	14.0	13.1	12.2	11.9	11.2	11.3	12.1	13.3	14.1 -	5
6	14.9	14.9 +	14.7 +	14.0	13.1	12.0	11.9	11.2	11.3	12.1	13.3	14.2	6
7	14.8 -	14.9 +	14.7 +	14.0	13.0	12.0	11.8	11.2	11.3	12.2	13.3	14.2	7
8	14.8 -	14.9 +	14.7 +	13.9	13.0	12.0	11.8	11.2	11.4	12.2	13.3	14.2	8
9	14.8 -	14.9 +	14.7 +	13.9	13.0	11.9	11.7	11.2	11.4	12.3	13.3	14.3	9
10	14.8 -	14.9 +	14.6	13.9	12.9	11.9	11.6	11.2	11.4	12.3	13.4	14.3	10
11	14.8 -	14.9 +	14.6	13.9	12.9	11.9	11.6	11.2	11.4	12.3	13.5	14.3	11
12	14.8 -	14.9 +	14.6	13.8	12.9	11.8	11.5	11.2	11.4	12.4	13.5	14.3	12
13	14.8 -	14.8	14.6	13.8	12.8	11.8	11.5	11.2	11.4	12.4	13.6	14.4	13
14	14.9	14.9 +	14.6	13.8	12.8	11.8	11.6	11.1 -	11.4	12.5	13.6	14.4	14
15	14.9	14.9 +	14.6	13.8	12.8	11.7	11.5	11.2	11.4	12.5	13.6	14.4	15
16	14.9	14.9 +	14.5	13.7	12.7	11.6	11.5	11.2	11.4	12.6	13.6	14.4	16
17	14.9	14.9 +	14.5	13.7	12.7	11.6	11.5	11.2	11.5	12.6	13.6	14.4	17
18	14.9	14.9 +	14.5	13.7	12.7	11.5	11.5	11.2	11.5	12.6	13.6	14.4	18
19	14.9	14.9 +	14.5	13.6	12.6	11.5	11.5	11.2	11.5	12.7	13.6	14.4	19
20	14.9	14.9 +	14.4	13.6	12.6	11.5	11.4	11.2	11.6	12.7	13.6	14.4	20
21	14.9	14.8	14.4	13.6	12.6	11.4	11.4	11.2	11.6	12.8	13.7	14.4	21
22	14.9	14.8	14.4	13.5	12.5	11.4	11.4	11.2	11.6	12.8	13.7	14.4	22
23	14.9	14.8	14.4	13.5	12.5	11.4	11.4	11.2	11.7	12.8	13.8	14.5 +	23
24	14.9	14.8	14.4	13.5	12.4	11.4	11.4	11.2	11.7	12.9	13.9	14.5 +	24
25	14.9	14.8	14.3	13.5	12.4	11.4	11.4	11.2	11.7	12.9	13.9	14.5 +	25
26	14.9	14.8	14.3	13.4	12.4	11.3 -	11.3 -	11.2	11.8	12.9	13.9	14.5 +	26
27	14.9	14.7 -	14.3	13.4	12.4	11.3 -	11.3 -	11.2	11.8	12.9	13.9	14.5 +	27
28	14.9	14.7 -	14.3	13.4	12.3 -	11.3 -	11.3 -	11.2	11.8	12.9	14.0	14.5 +	28
29	14.9		14.2 -	13.3 -	12.3 -	11.3 -	11.3 -	11.2	11.9 +	12.9	14.0	14.5 +	29
30	14.9		14.2 -	13.3 -	12.3 -	11.3 -	11.3 -	11.2	11.9 +	12.9	14.1 +	14.5 +	30
31	14.9		14.2 -		12.3 -		11.3 -	11.2		13.0 +		14.5 +	31
Monatsmittel	14.9 +	14.9 +	14.5	13.7	12.7	11.7	11.5	11.2 -	11.5	12.5	13.6	14.3	
Maximum	15.4 +	15.0	14.8	14.2	13.3	12.4	12.1	11.3 -	11.9	13.0	14.1	14.6	
Datum	01.01	15.02	01.03	01.04	01.05	01.06	03.07	01.08	28.09	30.10	30.11	30.12	
Minimum	14.8 +	14.7	14.2	13.3	12.2	11.2	11.1	10.9 -	11.2	11.9	13.0	14.1	
Datum	06.01	24.02	28.03	28.04	31.05	29.06	11.07	14.08	01.09	01.10	01.11	01.12	
Amplitude	0.6	0.3	0.6	0.9	1.1	1.2	1.0	0.4	0.7	1.1	1.1	0.5	
Jahr 2019	Mittel	13.1 °C		Maximum	15.4 (01.Jan)			Minimum	10.9 (14.Aug)		Amplitude	4.5 °C	



Periode	2008 - 2019												
Monatsmittel	14.0	13.8	13.7	13.4	13.1	12.7	12.3	12.2 -	12.4	13.0	13.7	14.2 +	
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 +	11.4	10.9	10.3	10.2 -	10.2 -	10.4	10.8	11.3	11.6	
Jahr	2009	2009	2008	2008	2008	2017	2017	2017	2008	2008	2008	2008	
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	13.2 °C		Maximum	16.5 (14.Dez 2015)			Minimum	10.2 (05.Jul 2017)		Amplitude	6.3 °C	

Darstellung der letzten 12 Jahre

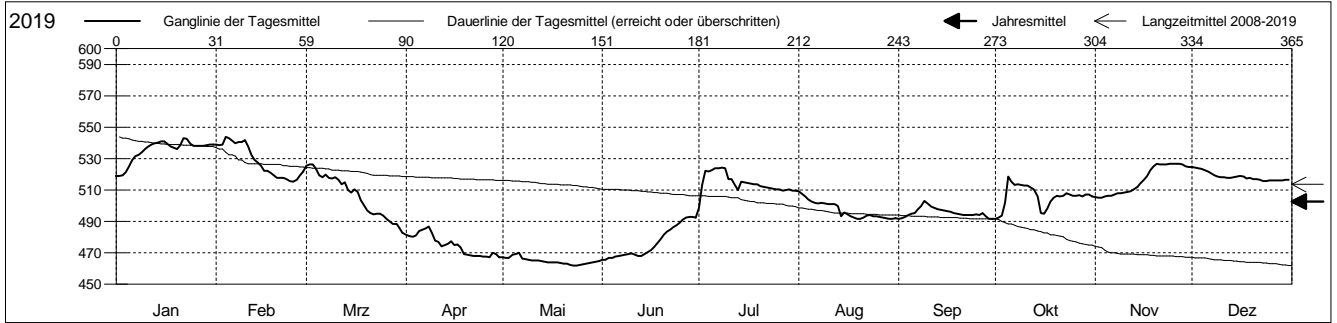


Leitfähigkeit

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

2019	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	519 -	539	525	482	467	465 -	499 -	509 +	492 -	491 -	505 -	525 +	1
2	519 -	539	526 +	481	467	466	513	508	492 -	492	505 -	524	2
3	520	539	526 +	480	467	467	522	506	493	494	505 -	524	3
4	521	544 +	523	481	469	467	522	504	494	502	506	523	4
5	525	543	519	484	469	468	523	503	495	519 +	506	523	5
6	529	541	518	485	470 +	468	524 +	502	495	515	507	522	6
7	532	540	520	486	467	468	524 +	501	498	513	507	520	7
8	532	541	518	487 +	466	469	524 +	502	500	514	508	519	8
9	534	541	517	483	466	469	524 +	502	503 +	513	508	519	9
10	536	542	518	478	465	470	517	501	501	513	508	518	10
11	538	538	517	477	465	469	517	501	499	513	509	518	11
12	539	533	514	474	465	468	513	501	498	511	509	518	12
13	540	529	515	475	465	468	510	500	498	510	511	518	13
14	540	528	510	476	464	469	515	493	497	506	512	518	14
15	541	525	508	477	464	471	515	496	497	496	514	519	15
Max. +	541	522	511	475	464	472	515	495	497	495	517	519	16
17	540	522	509	475	464	474	514	493	496	498	519	519	17
18	538	521	504	473	464	476	514	492 -	495	503	523	517	18
19	537	519	500	469	464	479	514	492 -	495	505	525	518	19
20	536	518	497	469	463	481	513	492 -	494	507	527 +	517	20
Min. -	538	518	495	468	463	484	512	493	494	506	526	517	21
22	543 +	518	494	468	462 -	485	512	494	494	506	526	517	22
23	543 +	517	495	468	462 -	486	511	494	494	508	526	516 -	23
24	539	516	495	468	462 -	488	511	493	494	507	527 +	516 -	24
25	538	515 -	494	468	462 -	489	510	493	495	506	527 +	516 -	25
26	538	516	492	468	463	491	510	493	494	506	527 +	516 -	26
27	538	519	490	467 -	463	492	510	492 -	495	507	527 +	516 -	27
28	538	522	489	470	464	493 +	510	492 -	493	506	526	516 -	28
29	539		488	469	464	493 +	510	492 -	492 -	507	525	516 -	29
30	539		486	467 -	464	493 +	509	492 -	492 -	507	525	516 -	30
31	539		483 -		465		509	492 -		506		517	31
Monatsmittel	535 +	529	506	475	465 -	477	514	497	496	506	516	519	
Maximum	543	546 +	529	497	488 -	495	525	510	506	522	528	525	
Datum	21.01	06.02	03.03	18.04	05.05	30.06	06.07	01.08	10.09	04.10	20.11	01.12	
Minimum	519 +	511	482	467	462 -	464	492	481	490	491	505	515	
Datum	01.01	25.02	31.03	23.04	21.05	01.06	01.07	14.08	30.09	01.10	01.11	23.12	
Amplitude	24	35	47	30	26	31	33	29	16	31	23	10	
Jahr 2019	Mittel	503 µs/cm	Maximum	546 (06.Feb)	Minimum	462 (21.Mai)	Amplitude	84 µs/cm					



Periode	2008 - 2019												
Monatsmittel	534 +	529	531	533	523	516	508	498	493	491 -	500	514	
Maximum	589	559	597 +	595	591	590	556	537	537	530 -	564	583	
Jahr	2013	2018	2009 +	2009	2013	2013	2013	2012	2008	2008	2012	2012	
Minimum	494 +	490	482	467	462 -	464	477	476	471	468	476	484	
Jahr	2017	2008	2019	2019	2019	2019	2017	2017	2014	2014	2015	2010	
Amplitude	55	35	65	58	60	54	55	37	38	31 -	51	67 +	
Jahr	2010	2019	2009	2015	2009	2013	2013	2016	2008	2019	2012	2010	
Periode	Mittel	513 µs/cm	Maximum	597 (20.Mrz 2009)	Minimum	462 (21.Mai 2019)	Amplitude	135 µs/cm					

Darstellung der letzten 12 Jahre

