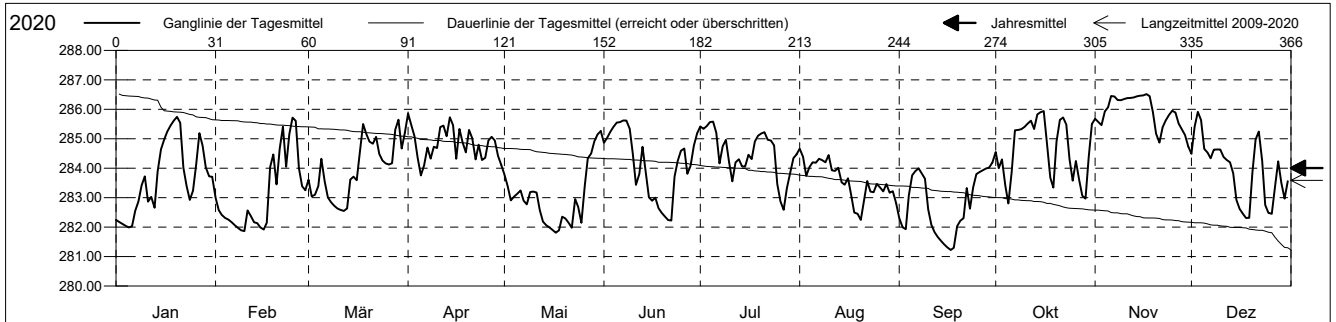


**Grundwasserstände**

Birstal  
 Aesch 11.J.15 Vers.-Anlage  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

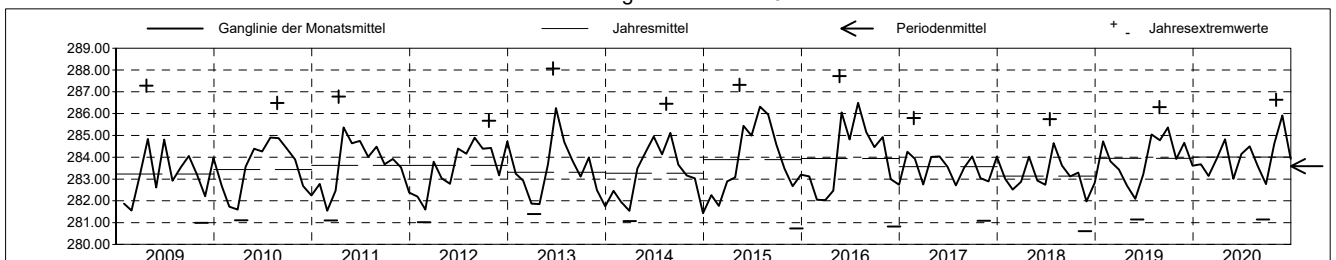
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2020		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1		282.25	283.00	283.61	285.86 +	283.79	284.86	285.42	284.66 +	282.31	284.55	285.68	284.49	1
2		282.18	282.57	283.04	285.47	283.40	285.03	285.34	284.39	281.99	284.00	285.57	285.41	2
3		282.11	282.41	283.10	285.09	282.91	285.24	285.43	283.74	281.93	284.30	285.46	285.91 +	3
4		282.04	282.31	283.39	284.35	283.03	285.40	285.56	284.04	283.07	283.41	285.93	285.64	4
5	Tagesmittel	281.99 -	282.25	284.32	283.75 -	283.13	285.55	285.58 +	284.20	283.76	282.80 -	286.07	284.66	5
6		282.03	282.17	283.55	284.09	283.24	285.56	285.20	284.19	283.90	283.89	286.45	284.53	6
7		282.55	282.07	283.00	284.70	282.90	285.62 +	284.17	284.32	283.99	285.29	286.44	284.34	7
8		282.87	281.97	282.84	284.33	282.77	285.62 +	284.74	284.27	283.82	285.30	286.32	284.63	8
9		283.41	281.89	282.72	284.73	283.19	285.34	284.96	284.20	283.64	285.33	286.31	284.64	9
10		283.72	281.86 -	282.63	284.68	283.21	284.51	284.20	284.44	282.61	285.40	286.35	284.63	10
11		282.86	282.57	282.58	285.40	283.18	283.43	283.55	283.93	282.08	285.52	286.38	284.38	11
12		283.02	282.38	282.55 -	285.45	282.58	283.80	284.20	283.91	281.82	285.61	286.39	284.28	12
13		282.66	282.16	282.63	285.09	282.18	284.73	284.31	284.01	281.66	285.33	286.40	284.20	13
14		283.89	282.14	283.62	285.73	282.06	283.87	284.06	283.52	281.53	285.82	286.44	283.82	14
15	Max. +	284.64	281.99	283.71	285.46	281.99	283.01	284.06	283.44	281.41	285.91	286.46	282.92	15
16		284.97	281.92	283.59	284.32	281.90	282.90	284.46	283.65	281.31	285.94 +	286.47	282.62	16
17		285.24	282.14	284.56	285.33	281.81 -	283.00	284.31	283.08	281.22 -	284.85	286.52 +	282.45	17
18		285.45	284.04	285.50	284.87	281.89	282.64	284.91	282.50	281.30	283.68	286.45	282.31 -	18
19		285.61	284.47	285.16	284.54	282.35	282.49	285.10	282.45	282.03	283.34	285.91	282.32	19
20	Min. -	285.74 +	283.45	284.90	285.30	282.29	282.36	285.18	282.24 -	282.22	284.91	285.17	283.86	20
21		285.54	284.67	284.83	285.01	282.15	282.24	285.22	282.90	282.30	285.64	284.87	284.98	21
22		284.02	285.41	285.06	284.30	281.98	282.22 -	284.97	283.57	283.33	285.72	285.39	285.24	22
23		283.40	284.05	284.48	284.80	282.95	283.71	284.94	283.21	282.62	285.48	285.62	284.25	23
24		282.92	285.15	284.26	284.28	282.69	284.25	284.78	283.18	283.35	284.31	285.81	282.75	24
25		283.23	285.72 +	284.16	284.35	282.14	284.59	283.46	283.47	283.80	283.57	285.95	282.48	25
26		284.13	285.61	284.12	284.94	283.40	284.67	282.87	283.35	283.87	284.24	285.89	282.45	26
27		285.19	284.00	284.17	285.07	284.34	283.81	282.58 -	283.21	283.93	283.61	285.52	283.31	27
28		284.77	283.38	285.31	284.94	284.50	284.08	283.32	283.46	283.99	283.07	285.32	284.23	28
29		284.03	283.25	285.64 +	284.42	284.91	284.77	283.82	283.17	284.02	282.97	285.12	283.49	29
30		283.72		284.67	284.11	285.15	285.18	284.34	283.22	284.19 +	284.37	284.74 -	282.97	30
31		283.70		285.21		285.26 +		284.47	282.80		285.50		283.56	31
Monatsmittel		283.67	283.14	283.97	284.82	283.01	284.15	284.50	283.57	282.77 -	284.63	285.91 +	283.93	
Maximum Datum		285.82 21.01	285.86 26.02	285.92 31.03	285.99 01.04	285.30 31.05	285.66 08.06	285.61 06.07	284.76 01.08	284.48 - 30.09	285.98 17.10	286.64 + 06.11	286.04 04.12	
Amplitude		3.89	4.06	3.42	2.52	3.57	3.55	3.23	2.62	3.33	3.48	2.36	3.87	
Jahr 2020 Mittel		284.01 m ü.M.			Maximum 286.64 (06.Nov)			Minimum 281.14 (18.Sep)			Amplitude 5.49 m			



Periode		2009 - 2020												
Monatsmittel		283.02	282.38 -	282.70	283.60	283.82	284.41	284.54 +	284.45	283.97	283.82	283.19	283.07	
Maximum Jahr		286.35 2016	285.86 - 2020	286.78 2009	287.28 2009	287.72 2016	288.07 + 2013	287.64 2016	286.66 2015	286.18 2019	286.23 2016	286.64 2020	286.04 2016	
Minimum Jahr		281.05 2015	281.02 2012	281.04 2015	281.07 2014	281.35 2019	281.15 2019	281.90 + 2009	281.86 2009	281.14 2020	281.60 2009	280.61 - 2018	280.74 2015	
Amplitude Jahr		4.37 2016	4.06 2020	5.12 2015	5.25 2010	4.68 2015	4.88 2019	3.62 2011	3.69 2019	3.33 - 2020	3.93 2016	4.70 2011	5.31 + 2016	
Periode Mittel		283.59 m ü.M.			Maximum 288.07 (19.Jun 2013)			Minimum 280.61 (24.Nov 2018)			Amplitude 7.46 m			

Darstellung der letzten 12 Jahre

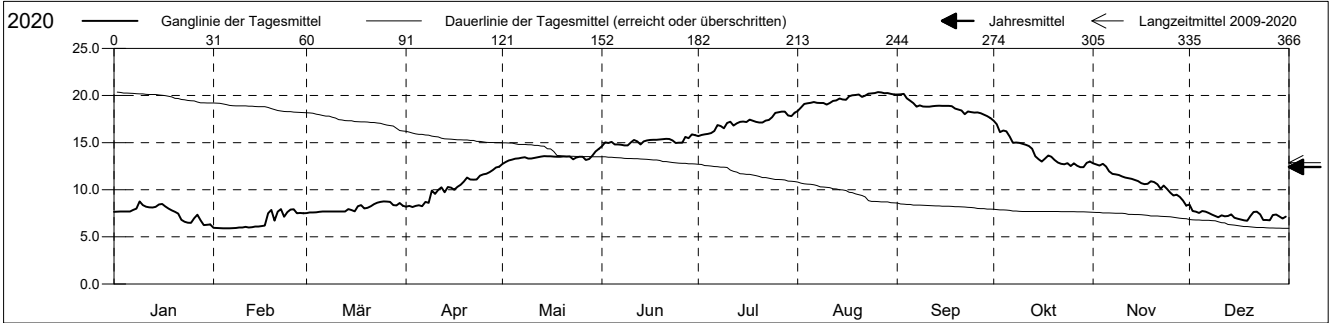


**Grundwassertemperatur**

Birstal  
 Aesch 11.J.15 Vers.-Anlage  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

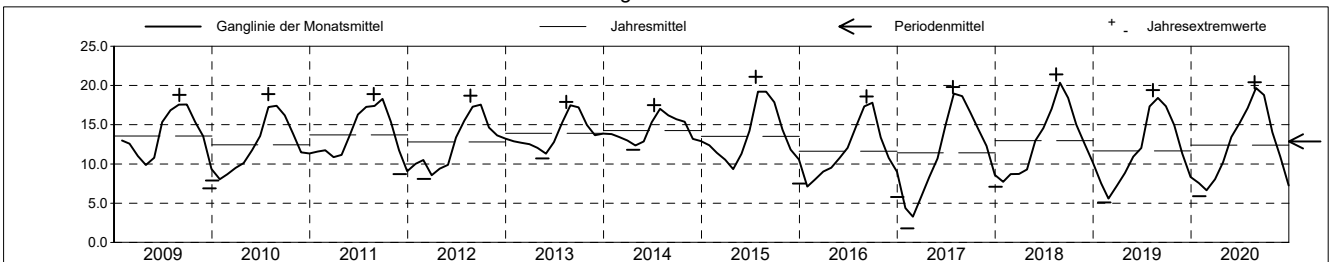
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2020	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	7.6	6.0	7.5 -	8.2 -	12.7 -	14.6 -	15.7 -	18.4 -	20.1	17.3 +	12.8 +	8.4 +	1
2	7.7	5.9 -	7.6	8.3	12.9	15.0	15.8	18.7	20.1	16.9	12.7	7.7	2
3	7.7	5.9 -	7.6	8.2 -	13.1	15.0	15.9	19.1	20.2 +	16.1	12.6	7.7	3
4	7.7	5.9 -	7.6	8.3	13.2	15.1	15.9	19.2	19.7	16.3	12.8 +	7.5	4
5	7.7	5.9 -	7.7	8.4	13.3	14.8	16.0	19.2	19.4	16.2	12.5	7.7	5
6	7.7	5.9 -	7.7	8.3	13.3	14.8	16.2	19.3	19.2	15.6	12.0	7.7	6
7	7.9	5.9 -	7.7	8.7	13.4	14.8	16.9	19.2	18.8	15.0	11.7	7.5	7
8	8.0	5.9 -	7.7	8.6	13.4	14.7	16.8	19.2	19.0	15.0	11.6	7.4	8
9	8.8 +	6.0	7.7	9.9	13.3	14.7	16.5	19.2	18.8	15.0	11.6	7.2	9
10	8.4	6.0	7.7	9.6	13.3	15.0	17.1	19.0	18.8	14.9	11.4	7.1	10
11	8.2	6.1	7.7	10.0	13.4	15.3	17.2	19.2	18.8	14.8	11.3	7.3	11
12	8.1	6.0	7.7	10.3	13.4	15.1	16.8	19.4	18.9	14.6	11.2	7.2	12
13	8.1	6.0	7.7	9.7	13.5	14.8	17.1	19.5	18.9	14.3	11.1	7.2	13
14	8.2	6.1	7.9	10.3	13.6	15.1	17.2	19.7	18.9	13.6	11.0	7.4	14
15	8.4	6.1	7.9	10.2	13.6	15.2	17.2	19.6	18.9	13.3	10.9	7.0	15
16	8.5	6.1	7.7	10.0	13.5	15.3	17.2	19.5	18.9	13.0	10.7	6.9	16
17	8.2	6.2	8.3	10.3	13.5	15.3	17.5	19.9	18.9	13.3	10.6	6.8	17
18	8.0	7.5	8.4	10.5	13.5	15.3	17.3	20.0	18.9	13.6	10.6	6.8	18
19	7.8	7.9 +	8.0	10.9	13.5	15.3	17.2	20.1	18.6	13.5	10.9	6.7 -	19
20	7.7	6.7	8.1	11.3	13.5	15.4	17.1	20.1	18.5	13.2	10.8	7.2	20
21	7.5	7.7	8.2	11.1	13.5	15.4	17.1	19.9	18.4	12.9	10.6	7.6	21
22	6.8	7.9 +	8.5	11.1	13.5	15.4	17.3	20.0	18.0	12.7	10.1	7.7	22
23	6.6	7.1	8.6	11.1	13.2	15.2	17.4	20.2	18.3	12.7	10.5	7.4	23
24	6.5	7.6	8.7	11.5	13.4	15.0	17.7	20.2	18.2	12.8	10.1	6.8	24
25	6.5	7.9 +	8.8 +	11.6	13.5	15.0	18.2	20.3	18.2	12.5	9.7	6.8	25
26	7.0	7.9 +	8.7	11.7	13.5	15.0	18.2	20.4 +	18.2	12.8	9.4	6.7 -	26
27	7.4	7.5	8.7	11.9	13.2	15.6	18.3 +	20.3	18.1	12.6	9.5	7.3	27
28	6.8	7.5	8.4	12.1	13.3	15.5	18.3 +	20.2	18.0	12.4 -	9.2	7.4	28
29	6.3 -	7.5	8.3	12.4 +	13.6	15.9 +	17.9	20.3	17.8	12.4 -	8.8	7.2	29
30	6.3 -		8.6	12.4 +	14.1	15.8	17.8	20.2	17.6 -	12.9	8.3 -	6.9	30
31	6.3 -		8.3		14.3 +		18.2	20.1		13.0		7.1	31
Monatsmittel	7.6	6.6 -	8.1	10.2	13.4	15.1	17.1	19.7 +	18.8	14.0	10.9	7.3	
Maximum	9.1	8.1 -	8.8	12.7	14.4	16.0	18.4	20.4 +	20.2	17.5	12.9	9.0	
Datum	09.01	26.02	24.03	30.04	31.05	29.06	31.07	25.08	01.09	01.10	01.11	01.12	
Minimum	6.0	5.9 -	7.5	8.1	12.4	14.4	15.7	18.1 +	17.5	12.4	8.0	6.6	
Datum	30.01	01.02	01.03	03.04	23.05	01.06	01.07	01.08	30.09	25.10	30.11	19.12	
Amplitude	3.1	2.2	1.3	4.6	2.0	1.6	2.7	2.3	2.7	5.1	4.9	2.4	
Jahr 2020	Mittel	12.4 °C		Maximum	20.4 (25.Aug)		Minimum	5.9 (01.Feb)		Amplitude	14.5 °C		



Periode	2009 - 2020												
Monatsmittel	9.7	9.4 -	9.6	10.0	11.7	14.1	17.0	18.1 +	17.4	14.6	12.2	10.3	
Maximum	14.0	13.6	13.3	13.1 -	15.5	18.1	21.1	21.4 +	20.3	17.5	15.4	14.6	
Jahr	2014	2014	2014	2014	2011	2017	2015	2018	2018	2018	2009	2015	
Minimum	2.9	1.8 -	5.2	5.8	9.2	10.0	12.6	15.2 +	14.9	11.0	8.0	5.8	
Jahr	2017	2017	2017	2017	2012	2019	2016	2017	2017	2010	2020	2016	
Amplitude	5.4	3.8 -	4.1	4.6	3.9	6.2	4.8	4.6	3.9	5.5	5.4	7.1 +	
Jahr	2015	2017	2009	2018	2017	2017	2015	2017	2015	2011	2017	2015	
Periode	Mittel	12.9 °C		Maximum	21.4 (16.Aug 2018)		Minimum	1.8 (07.Feb 2017)		Amplitude	19.6 °C		

Darstellung der letzten 12 Jahre

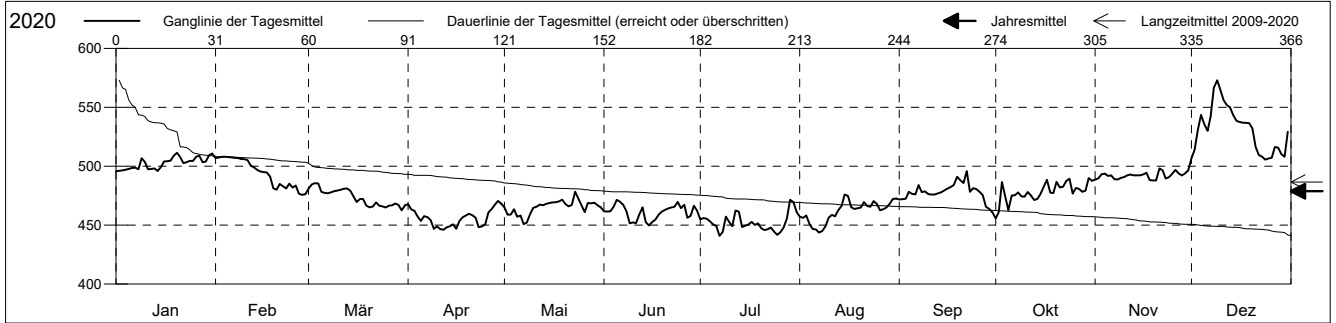


**Leitfähigkeit**

Birstal  
 Aesch 11.J.15 Vers.-Anlage  
 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		496 -	507	481	468	465	462	455	457	472	456 -	489	507	1	
2		496 -	507	485	463	459	462	456	456	472	461	490	514	2	
3		496 -	508 +	486 +	462	459	462	455	458	472	487	493	531	3	
4		497	508 +	485	457	463	466	453	451	478	474	494	544	4	
5	Tagesmittel	498	508 +	478	454	457	471 +	451	447	477	463	492	536	5	
6		499	507	477	458	458	470	449	446	476	475	492	530	6	
7		499	507	477	457	451 -	467	441 -	444 -	484	475	489	542	7	
8		497	507	478	454	452	462	444	445	478	478	489	567	8	
9		507	506	479	447	459	452	457	449	479	474	490	573 +	9	
10		504	506	479	449	465	452	453	456	476	474	491	565	10	
11		498	505	480	447	466	452	449	459	476	478	492	556	11	
12		498	501	481	446 -	467	459	462	457	476	475	493	552	12	
13		498	499	481	448	467	465	461	463	477	471	492	550	13	
14		496 -	497	479	449	468	453	448	466	478	472	492	543	14	
15	Max. +	499	496	474	451	469	450 -	450	476 +	479	477	492	539	15	
16		504	495	470	447	469	453	451	475	481	483	493	538	16	
17		504	495	472	454	470	455	453	465	482	488	494	537	17	
18		505	491	472	457	470	459	450	464	484	478	488 -	537	18	
19		509	481	467	458	472	461	452	464	491	477	488 -	537	19	
20	Min. -	511 +	480	465	460	468	463	447	465	488	487	488 -	532	20	
21		508	485	466	458	466	464	446	470	486	482	498 +	516	21	
22		503	483	469	456	467	465	446	466	496 +	483	496	509	22	
23		503	481	466	448	478 +	466	448	466	478	488	490	508	23	
24		505	485	466	449	473 +	470	444	470	481	489	491	506 -	24	
25		504	482	465	451	467	464	442	468	481	477	494	507	25	
26		508	484	466	461	461	467	444	463	478	482	497	507	26	
27		509	477	467	464	469	456	448	463	475	481	494	516	27	
28		503	476 -	468	467	469	458	456	465	466	478	492	516	28	
29		504	476 -	467	471 +	469	466	471 +	468	464	479	494	510	29	
30		509		463 -	468	467	462	470	472	461 -	490 +	496	508	30	
31		511 +		467		465		461	473		488		529	31	
Monatsmittel		502	494	473	456	465	461	452 -	462	478	478	492	531 +		
Maximum		520	508	490	474 -	488	477	481	480	503	505	514	576 +		
Datum		26.01	02.02	14.03	29.04	23.05	24.06	29.07	15.08	22.09	30.10	21.11	09.12		
Minimum		493 +	474	459	439	449	446	438 -	439	455	451	482	492		
Datum		15.01	28.02	30.03	12.04	07.05	09.06	08.07	07.08	30.09	02.10	19.11	01.12		
Amplitude		27	34	31	35	39	31	43	41	48	54	32	84		
Jahr 2020		Mittel	479	Maximum			576 (09.Dez)	Minimum			438 (08.Jul)	Amplitude		138	



Periode		2009 - 2020												
Monatsmittel	516 +	516 +	493	467	468	470	463	462 -	475	491	506	514		
Maximum	589 +	549	541	517	585	532	524	502 -	519	520	570	576		
Jahr	2017	2017	2009	2013	2013	2018	2011	2014	2011	2011	2011	2020		
Minimum	468	453	436	422	437	439	434	421 -	441	451	482	488 +		
Jahr	2018	2019	2012	2009	2019	2015	2019	2015	2019	2020	2016	2018		
Amplitude	77	89	80	86	128 +	76	73	76	71	54 -	66	84		
Jahr	2019	2019	2015	2010	2013	2018	2009	2015	2011	2020	2011	2020		
Periode	Mittel	487	Maximum			589 (17.Jan 2017)	Minimum			421 (15.Aug 2015)	Amplitude		168	

Darstellung der letzten 12 Jahre

