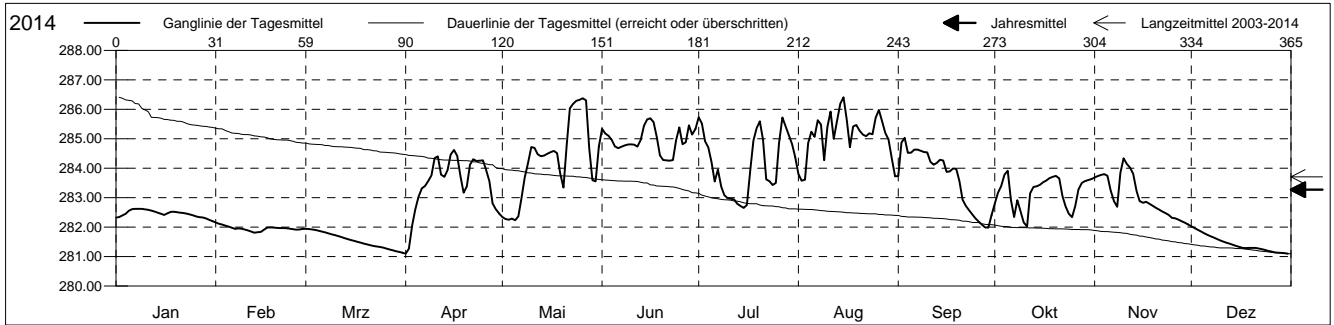


Grundwasserstände

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

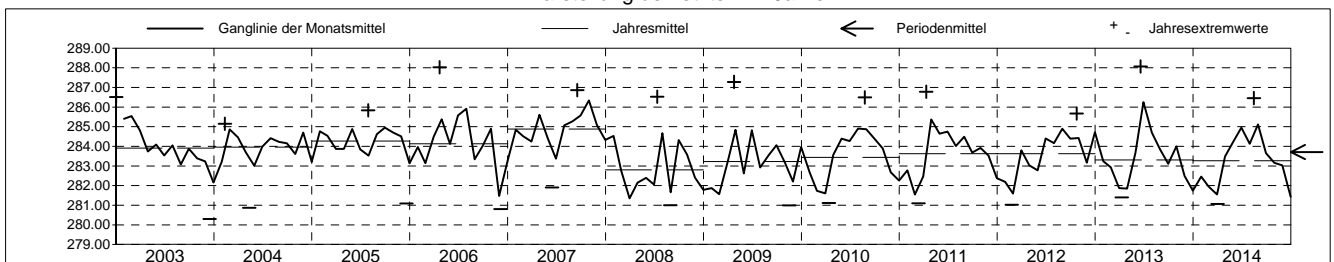
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2014		Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
Tagesmittel	1	282.32	282.15 +	281.94 +	281.10 -	282.34	285.34	285.73 +	283.81	283.73	282.80	283.69	282.02 +	1
	2	282.35	282.11	281.93	281.27	282.28	285.18	285.52	283.57 -	284.87	283.16	283.73	281.97	2
	3	282.40	282.09	281.92	282.07	282.25	285.10	284.91	283.61	285.03 +	283.39	283.77	281.91	3
	4	282.45	282.05	281.90	282.60	282.29	284.95	284.71	284.85	284.52	283.78	283.80	281.85	4
	5	282.55	282.01	281.88	283.03	282.24 -	284.75	284.21	285.24	284.53	283.91 +	283.74	281.79	5
	6	282.61	281.98	281.85	283.32	282.36	284.68	283.55	285.06	284.63	282.92	283.25	281.74	6
	7	282.62 +	281.94	281.82	283.40	283.00	284.73	283.95	285.63	284.63	282.34	282.88	281.69	7
	8	282.62 +	281.96	281.79	283.56	283.69	284.77	283.37	285.48	284.59	282.91	282.69	281.64	8
	9	282.62 +	281.95	281.75	283.76	284.17	284.81	283.09	284.27	284.55	282.54	283.84	281.60	9
	10	282.60	281.92	281.72	284.34	284.72	284.81	282.98	285.40	284.54	282.15	284.34 +	281.55	10
	11	282.59	281.88	281.69	284.40	284.69	284.80	282.96	285.92	284.22	282.02 -	284.14	281.51	11
	12	282.56	281.85	281.66	283.78	284.47	284.73	282.94	285.00	284.12	283.14	284.02	281.47	12
	13	282.53	281.81 -	281.62	283.70	284.41	284.97	282.79	285.63	284.18	283.36	283.81	281.43	13
	14	282.49	281.82	281.59	283.94	284.43	285.44	282.71	286.19	284.29	283.39	283.23	281.39	14
Max. +	15	282.45	281.83	281.56	284.46	284.49	285.66	282.65 -	286.40 +	284.26	283.43	282.88	281.36	15
	16	282.41	281.91	281.53	284.62 +	284.54	285.70 +	282.75	285.65	283.88	283.52	282.83	281.33	16
	17	282.47	281.98	281.50	284.42	284.58	285.56	283.92	284.71	283.89	283.58	282.85	281.29	17
	18	282.52	281.99	281.47	283.74	284.51	285.06	284.94	285.42	283.99	283.66	282.79	281.28	18
	19	282.52	281.98	281.44	283.17	283.84	284.43	285.36	285.47	283.99	283.71	282.73	281.29	19
Min. -	20	282.51	281.97	281.41	283.38	283.34	284.27	285.59	285.28	283.56	283.74	282.66	281.29	20
	21	282.49	281.97	281.39	284.12	284.77	284.27	284.96	285.14	282.93	283.65	282.59	281.29	21
	22	282.48	281.97	281.36	284.30	286.03	284.25 -	283.62	285.09	282.72	283.06	282.53	281.27	22
	23	282.45	281.96	281.35	284.25	286.18	284.28	283.56	285.19	282.58	282.69	282.48	281.25	23
	24	282.43	281.95	281.33	284.25	286.28	284.95	283.43	285.15	282.43	282.45	282.41	281.22	24
	25	282.39	281.93	281.30	284.26	286.32	285.39	283.50	285.72	282.30	282.34	282.32	281.19	25
	26	282.36	281.91	281.27	283.93	286.37 +	284.81	284.85	285.98	282.19	282.71	282.30	281.17	26
	27	282.34	281.92	281.24	283.56	286.30	284.88	285.72	285.59	282.08	283.27	282.25	281.14	27
	28	282.33	281.94	281.21	282.81	284.67	285.46	285.42	285.20	281.99	283.50	282.20	281.13	28
	29	282.29		281.18	282.61	283.59	285.14	285.12	284.98	281.98 -	283.56	282.15	281.12	29
	30	282.25		281.16	282.46	283.55	285.34	284.82	284.32	282.41	283.60	282.09 -	281.11	30
	31	282.20 -		281.13 -		284.72		284.38	283.73		283.63		281.10 -	31
Monatsmittel		282.46	281.95	281.55	283.49	284.24	284.95	284.13	285.12 +	283.65	283.16	283.03	281.43 -	
Maximum Datum		282.62 09.01	282.18 01.02	281.94 01.03	284.88 15.04	286.41 27.05	285.75 15.06	285.87 02.07	286.45 + 15.08	285.11 02.09	284.09 04.10	284.42 10.11	282.06 01.12	
Amplitude		0.44	0.39	0.82	3.81	4.24	1.53	3.30	3.06	3.21	2.17	2.35	0.98	
Jahr 2014 Mittel		283.27 m ü.M.			Maximum	286.45 (15.Aug)		Minimum	281.07 (02.Apr)			Amplitude	5.39 m	



Periode		2003 - 2014												
Monatsmittel		283.50	283.06	283.14	283.88	283.77	284.32	284.37 +	284.08	284.18	284.09	283.21	282.86 -	
Maximum Jahr		286.51 2003	285.85 - 2003	286.78 2009	288.03 2006	286.78 2006	288.07 + 2013	286.69 2006	286.70 2007	286.86 2007	286.87 2006	286.09 2007	285.87 2009	
Minimum Jahr		281.51 2009	281.02 2012	281.10 2011	281.07 2014	280.87 2004	281.27 2008	281.31 2005	280.97 2003	280.94 2003	281.60 + 2009	280.87 2006	280.30 - 2003	
Amplitude Jahr		3.31 - 2004	3.49 2008	5.03 2009	5.25 + 2010	4.66 2013	4.14 2007	4.52 2005	3.35 2003	4.02 2006	4.38 2006	4.70 2011	4.62 2006	
Periode Mittel		283.71 m ü.M.			Maximum	288.07 (19.Jun 2013)		Minimum	280.30 (16.Dez 2003)			Amplitude	7.77 m	

Darstellung der letzten 12 Jahre

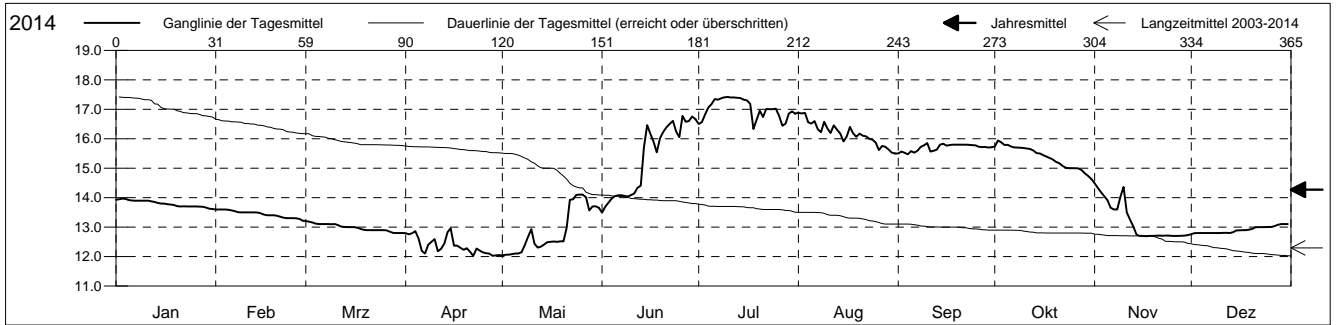


Grundwassertemperatur

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

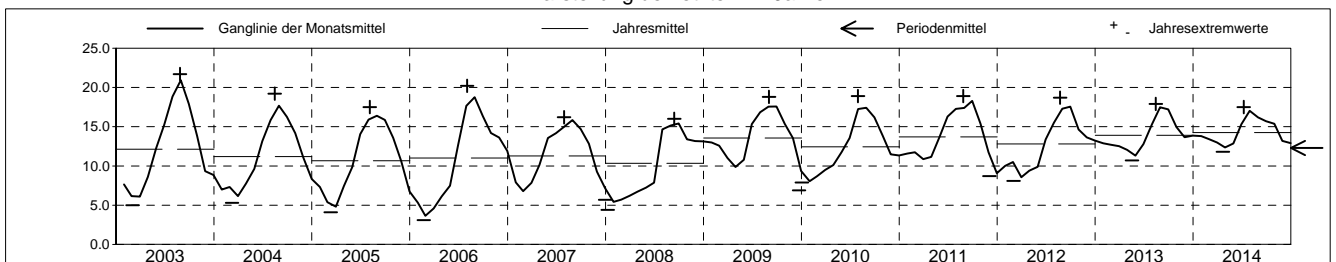
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2014	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.9	13.6 +	13.2 +	12.8	12.0 -	13.5 -	16.5	16.9 +	15.5 -	15.7	14.5 +	12.8 -	1
2	13.9	13.6 +	13.2 +	12.8	12.1	13.7	16.6	16.9 +	15.6	15.9 +	14.3	12.8 -	2
3	14.0 +	13.6 +	13.2 +	12.8	12.1	13.8	16.8	16.9 +	15.5 -	15.9 +	14.2	12.8 -	3
4	14.0 +	13.6 +	13.1	12.9	12.1	14.0	17.1	16.6	15.5 -	15.8	14.1	12.8 -	4
5	13.9	13.6 +	13.1	12.6	12.1	14.1	17.2	16.5	15.6	15.8	13.9	12.8 -	5
6	13.9	13.6 +	13.1	12.2	12.1	14.1	17.3	16.6	15.5 -	15.7	13.7	12.8 -	6
7	13.9	13.5	13.1	12.1	12.1	14.1	17.3	16.3	15.6	15.7	13.6	12.8 -	7
8	13.9	13.5	13.1	12.4	12.4	14.1	17.4 +	16.2	15.7	15.7	13.6	12.8 -	8
9	13.9	13.5	13.1	12.5	12.7	14.0	17.4 +	16.6	15.8	15.7	14.0	12.8 -	9
10	13.9	13.5	13.1	12.6	12.9	14.1	17.4 +	16.4	15.9 +	15.7	14.4	12.8 -	10
11	13.9	13.5	13.1	12.2	12.4	14.1	17.4 +	16.2	15.6	15.7	13.5	12.8 -	11
12	13.9	13.5	13.0	12.3	12.3	14.3	17.4 +	16.5	15.6	15.7	13.3	12.8 -	12
13	13.9	13.5	13.0	12.4	12.3	14.4	17.4 +	16.3	15.6	15.6	13.0	12.8 -	13
14	13.8	13.5	13.0	12.8	12.4	15.7	17.4 +	16.2	15.8	15.5	12.7 -	12.8 -	14
15	13.8	13.5	13.0	13.0 +	12.5	16.5	17.3	15.9	15.8	15.5	12.7 -	12.9	15
16	13.8	13.4	13.0	12.4	12.5	16.2	17.3	16.1	15.8	15.4	12.7 -	12.9	16
17	13.8	13.4	13.0	12.4	12.5	15.9	17.2	16.4	15.8	15.4	12.7 -	12.9	17
18	13.8	13.4	12.9	12.3	12.5	15.5	16.3 -	16.2	15.8	15.3	12.7 -	12.9	18
19	13.8	13.4	12.9	12.2	12.5	16.0	16.6	16.1	15.8	15.3	12.7 -	12.9	19
20	13.7	13.4	12.9	12.3	12.5	16.2	17.0	16.2	15.8	15.2	12.7 -	12.9	20
21	13.7	13.4	12.9	12.2	13.0	16.4	16.7	16.1	15.8	15.2	12.7 -	13.0	21
22	13.7	13.3	12.9	12.0 -	13.9	16.5	17.0	16.1	15.8	15.1	12.7 -	13.0	22
23	13.7	13.3	12.9	12.3	13.9	16.6	17.0	16.0	15.8	15.0	12.7 -	13.0	23
24	13.7	13.3	12.9	12.2	14.1 +	16.2	17.0	16.0	15.8	15.0	12.7 -	13.0	24
25	13.7	13.3	12.9	12.1	14.1 +	16.1	17.0	15.9	15.8	15.0	12.7 -	13.0	25
26	13.7	13.3	12.9	12.1	14.1 +	16.8 +	16.8	15.6	15.7	15.0	12.7 -	13.0	26
27	13.7	13.3	12.8 -	12.1	14.0	16.6	16.4	15.8	15.7	15.0	12.7 -	13.0	27
28	13.7	13.2 -	12.8 -	12.0 -	13.6	16.6	16.5	15.7	15.7	14.9	12.7 -	13.1 +	28
29	13.7		12.8 -	12.0 -	13.7	16.8 +	16.9	15.6	15.7	14.8	12.7 -	13.1 +	29
30	13.6 -		12.8 -	12.1	13.7	16.7	16.9	15.5 -	15.7	14.7	12.7 -	13.1 +	30
31	13.6 -		12.8 -		13.7		16.8	15.5 -		14.6 -		13.1 +	31
Monatsmittel	13.8	13.4	13.0	12.4 -	12.9	15.3	17.0 +	16.2	15.7	15.4	13.2	12.9	
Maximum	14.0	13.6	13.3	13.1 -	14.1	17.0	17.5 +	16.9	16.0	16.0	14.7	13.1 -	
Datum	01.01	01.02	01.03	04.04	22.05	26.06	08.07	01.08	15.09	02.10	09.11	25.12	
Minimum	13.6	13.2	12.8	11.8 -	12.0	13.4	16.1 +	15.5	15.4	14.6	12.6	12.7	
Datum	27.01	26.02	26.03	21.04	01.05	01.06	28.07	26.08	04.09	31.10	17.11	01.12	
Amplitude	0.4	0.4	0.5	1.3	2.1	3.6	1.4	1.4	0.6	1.4	2.1	0.4	
Jahr 2014	Mittel	14.3 °C		Maximum	17.5 (08.Jul)		Minimum	11.8 (21.Apr)		Amplitude	5.7 °C		



Periode	2003 - 2014												
Monatsmittel	9.2	8.7	8.4 -	9.3	10.9	13.6	16.4	17.3 +	16.6	14.3	12.0	10.5	
Maximum	14.0	13.6	13.3	13.1 -	15.5	18.0	20.0	21.7 +	21.6	17.1	15.4	14.4	
Jahr	2014	2014	2014	2014	2011	2003	2003	2003	2003	2011	2009	2006	
Minimum	3.4	3.1 -	3.8	4.8	6.8	7.4	11.2	14.7 +	13.4	10.5	7.1	5.4	
Jahr	2006	2006	2006	2006	2006	2008	2008	2008	2007	2003	2005	2005	
Amplitude	4.2	2.7 -	4.1	4.6	4.7	6.0	4.6	3.6	5.2	5.7	5.5	7.2 +	
Jahr	2006	2004	2009	2007	2004	2006	2008	2006	2003	2003	2005	2006	
Periode	Mittel	12.3 °C		Maximum	21.7 (27.Aug 2003)		Minimum	3.1 (21.Feb 2006)		Amplitude	18.6 °C		

Darstellung der letzten 12 Jahre

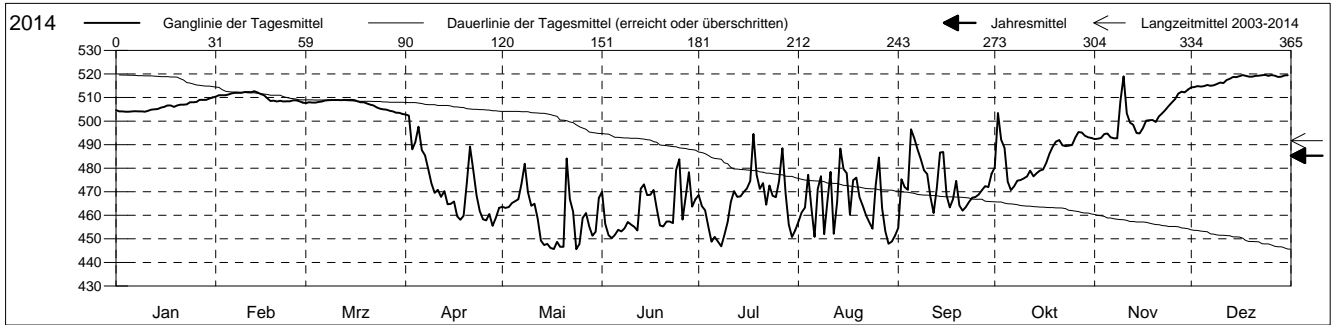


Leitfähigkeit

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

2014	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	505	510	508	503 +	464	470	469	457	455 -	480	492 -	514 -	1
2	504 -	511	508	502	463	456	464	461	475	503 +	492 -	514 -	2
3	504 -	511	508	488	463	452	462	463	472	492	493	515	3
4	504 -	511	508	491	465	450 -	455	477	471	489	495	515	4
5	504 -	511	508	498	466	452	449	463	497 +	474	495	515	5
Tagesmittel													
6	504 -	512	508	488	467	454	451	451	493	471 -	493	515	6
7	504 -	512	509 +	485	474	453	449	471	488	472	493	515	7
8	504 -	512	509 +	480	482	455	447 -	477	484	475	493	515	8
9	504 -	512	509 +	474	470	457	452	452	479	475	508	516	9
10	504 -	512	509 +	470	464	456	457	466	477	476	519 +	516	10
11	504 -	512	509 +	471	465	455	466	478	468	477	503	516	11
12	505	512	509 +	468	459	454	470	452	461	479	499	517	12
13	505	513 +	509 +	470	449	471	468	466	472	477	498	518	13
14	505	512	509 +	465	447	473	468	488 +	487	478	495	519	14
15	506	511	509 +	465	448	469	470	480	487	479	495	519	15
Max. +													
16	506	511	509 +	466	446 -	469	471	478	468	479	497	519	16
17	507	510	508	460	446 -	471	475	460	463	482	500	520 +	17
18	507	509	508	458	449	463	495 +	475	467	486	500	519	18
19	506	509	508	460	447	456	477	476	475	489	500	519	19
20	507	508 -	507	474	447	455	471	468	464	491	500	519	20
Min. -													
21	507	509	507	489	484 +	457	474	464	462	492	502	519	21
22	507	508 -	507	479	467	457	465	460	463	490	503	519	22
23	507	508 -	506	468	462	457	473	457	466	489	505	519	23
24	508	508 -	505	462	446 -	479	468	454	468	490	506	520 +	24
25	508	509	505	458	448	484 +	468	473	468	490	508	519	25
26	508	509	505	458	459	458	475	485	469	493	509	520 +	26
27	509	508 -	504	461	461	468	488	463	471	495	512	519	27
28	509	508 -	504	456 -	455	478	469	453	472	495	513	519	28
29	509		504	459	451	464	456	448 -	472	494	512	519	29
30	510 +		504	463	453	467	451	449	478	493	513	519	30
31	510 +		503 -	467	467	454	454	451	493	493	513	520 +	31
Monatsmittel	506	510	507	473	459 -	462	465	465	473	485	501	518 +	
Maximum	510	513	509	508	498	494 -	504	502	507	512	526 +	521	
Datum	30.01	10.02	05.03	04.04	07.05	13.06	18.07	04.08	05.09	02.10	09.11	01.12	
Minimum	504	506 +	501	451	439 -	448	446	445	450	469	490	494	
Datum	01.01	18.02	28.03	14.04	24.05	04.06	08.07	12.08	01.09	06.10	01.11	11.12	
Amplitude	6	7	8	57	59	46	58	57	57	43	36	27	
Jahr 2014	Mittel	485		Maximum	526 (09.Nov)		Minimum	439 (24.Mai)		Amplitude	87		



Periode	2003 - 2014												
Monatsmittel	513	520 +	501	474	477	476	470 -	473	480	491	509	516	
Maximum	538	546	541	517 -	585 +	518	524	522	528	524	570	549	
Jahr	2009	2010	2009	2013	2013	2013	2011	2007	2007	2007	2011	2012	
Minimum	477	484	436	422 -	439	443	446	439	445	468	485	490 +	
Jahr	2007	2012	2012	2009	2014	2009	2013	2009	2009	2013	2013	2009	
Amplitude	53	52	79	86	128 +	58	73	75	71	49 -	66	53	
Jahr	2007	2012	2011	2010	2013	2013	2009	2007	2011	2011	2011	2006	
Periode	Mittel	492		Maximum	585 (15.Mai 2013)		Minimum	422 (23.Apr 2009)		Amplitude	163		

Darstellung der letzten 12 Jahre

