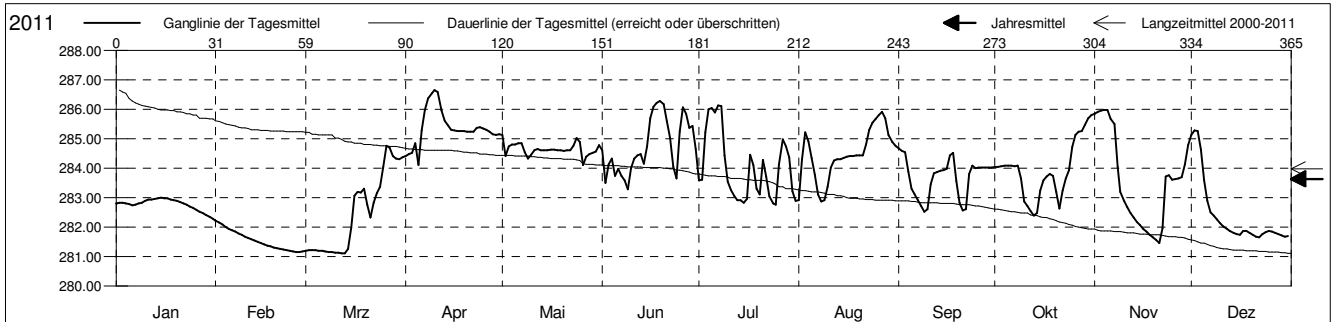


Grundwasserstände

Birstal
 Aesch 11.J.15 Vers.-Anlage
 Abstichpunkt: 294.07 m ü.M.
 OK Terrain: 293.01 m ü.M.

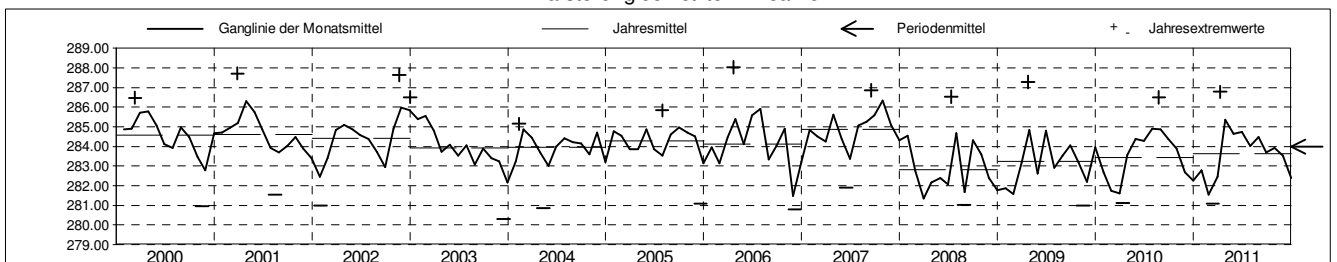
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 612465.69 / 258288.81

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	282.82	282.22 +	281.19	284.42	285.14 +	284.62	283.59	282.91	284.67 +	284.04	285.85	285.13	1
2	282.83	282.15	281.21	284.48	284.42	283.50	283.60	284.30	284.58	284.06	285.92	285.28 +	2
3	282.82	282.08	281.23	284.53	284.74	284.14	285.23	285.21	284.55	284.07	285.96	285.27	3
4	282.81	282.01	281.22	284.85	284.80	284.32	286.00	284.91	283.88	284.09	285.98	284.64	4
5	282.78	281.95	281.21	284.12 -	284.81	283.73	286.05	284.36	283.31	284.08	285.99 +	283.59	5
Tagesmittel													
6	282.75	281.89	281.19	285.28	284.84	283.98	285.89	283.78	283.11	284.09	285.68	282.88	6
7	282.76	281.84	281.18	285.99	284.85	283.75	286.13 +	283.10	282.90	284.06	285.51	282.50	7
8	282.80	281.79	281.16	286.37	284.55	283.58	286.10	282.88 -	282.71	284.09	284.05	282.39	8
9	282.83	281.73	281.14	286.55	284.33	283.29 -	284.43	282.91	282.53 -	283.66	283.19	282.27	9
10	282.89	281.68	281.13	286.65 +	284.46	284.01	283.54	283.38	282.62	282.87	282.89	282.13	10
11	282.93	281.63	281.12	286.59	284.60	284.32	283.27	284.02	283.45	282.72	282.67	282.03	11
12	282.94	281.58	281.11 -	285.97	284.65	284.44	283.06	284.27	283.82	282.55	282.48	281.93	12
13	282.96	281.54	281.11 -	285.62	284.62	284.48	282.91	284.30	283.88	282.39 -	282.32	281.88	13
14	282.99 +	281.49	281.26	285.45	284.61	284.15	282.90	284.31	283.91	282.49	282.19	281.81	14
15	282.99 +	281.45	281.98	285.31	284.61	284.74	282.82	284.36	283.93	283.25	282.06	281.76	15
Max. +													
16	282.99 +	281.42	283.07	285.28	284.62	285.69	282.96	284.40	283.98	283.58	281.95	281.73	16
17	282.97	281.38	283.19	285.27	284.63	286.10	284.46	284.41	284.43	283.72	281.84	281.86	17
18	282.94	281.34	283.17	285.26	284.62	286.22	284.12	284.42	284.53	283.81	281.74	281.87	18
19	282.91	281.31	283.31	285.26	284.60	286.29 +	283.30	284.43	283.57	283.75	281.65	281.81	19
20	282.89	281.27	282.76	285.25	284.58	286.17	283.12	284.44	282.82	283.20	281.56	281.74	20
Min. -													
21	282.85	281.26	282.33	285.24	284.61	285.59	284.29	284.43	282.57	282.64	281.46 -	281.68	21
22	282.81	281.25	282.83	285.24	284.62	285.03	283.73	284.80	282.60	283.24	281.96	281.65 -	22
23	282.76	281.23	283.15	285.36	284.77	284.04	283.05	285.31	283.81	283.65	283.73	281.76	23
24	282.71	281.20	283.37	285.40	285.02	283.65	282.81	285.54	284.08	283.95	283.76	281.84	24
25	282.65	281.17	284.03	285.35	284.90	285.23	282.77 -	285.68	284.01	284.72	283.62	281.87	25
26	282.59	281.15 -	284.75 +	285.30	284.11 -	286.06	284.13	285.80	284.01	285.13	283.63	281.85	26
27	282.53	281.15 -	284.69	285.24	284.38	285.85	284.98	285.91 +	284.02	285.24	283.64	281.81	27
28	282.47	281.18	284.42	285.14	284.48	285.38	284.73	285.69	284.02	285.27	283.70	281.76	28
29	282.42		284.32	285.13	284.52	285.44	284.38	285.14	284.01	285.48	284.12	281.72	29
30	282.35		284.31	285.15	284.56	284.66	283.22	284.90	284.02	285.70	284.79	281.68	30
31	282.29 -		284.37		284.79		282.90	284.77		285.80 +		281.69	31
Monatsmittel	282.77	281.55 -	282.47	285.37 +	284.64	284.75	284.01	284.49	283.68	283.92	283.53	282.38	
Maximum	283.00	282.25 -	285.10	286.78 +	285.19	286.31	286.27	285.98	284.98	285.83	286.00	285.34	
Datum	15.01	01.02	26.03	11.04	24.05	19.06	08.07	28.08	18.09	31.10	05.11	03.12	
Amplitude	0.74	1.11	4.00	3.32	1.49	3.36	3.62	3.26	2.57	3.56	4.70	3.70	
Jahr 2011	Mittel	283.64 m ü.M.		Maximum	286.78 (11.Apr)		Minimum	281.10 (14.Mrz)		Amplitude	5.68 m		



Periode	2000 - 2011												
Monatsmittel	283.84	283.62	283.85	284.62 +	284.18	284.14	284.31	283.95	284.20	284.20	283.54	283.36 -	
Maximum	286.51	286.31 -	287.72	288.03 +	286.78	287.11	286.69	286.70	286.86	287.20	287.64	287.57	
Jahr	2003	2000	2001	2006	2006	2006	2006	2007	2007	2002	2002	2002	
Minimum	281.20	280.97	281.10	281.11	280.87	281.27	281.31	280.97	280.94	281.60 +	280.87	280.30 -	
Jahr	2002	2002	2011	2010	2004	2008	2005	2003	2003	2009	2006	2003	
Amplitude	3.31 -	3.75	5.03	5.25 +	4.16	4.14	4.52	3.74	4.02	4.44	4.70	4.62	
Jahr	2004	2002	2009	2010	2007	2007	2005	2001	2006	2002	2011	2006	
Periode	Mittel	283.99 m ü.M.		Maximum	288.03 (22.Apr 2006)		Minimum	280.30 (16.Dez 2003)		Amplitude	7.73 m		

Darstellung der letzten 12 Jahre



Grundwassertemperatur

Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.15

294.07

293.01

Vers.-Anlage

m ü.M.

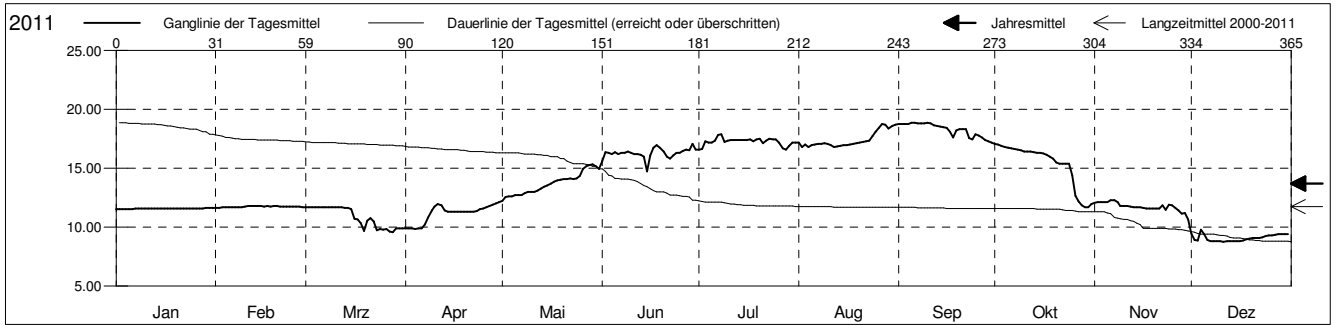
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

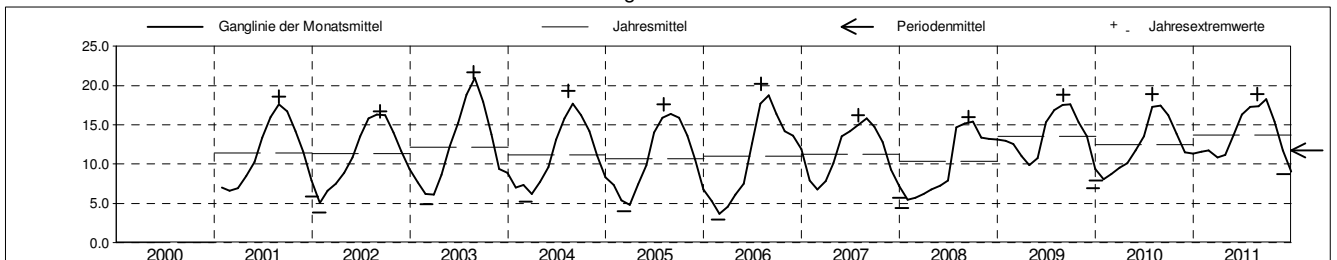
Koordinaten: 612465.69 / 258288.81

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.5 -	11.7 -	11.7 +	9.9 -	12.2 -	15.6	16.6 -	17.2	18.8	17.1 +	12.1	9.5	1
2	11.5 -	11.7 -	11.7 +	9.9 -	12.6	16.3	16.7	16.8 -	18.8	17.0	12.1	8.9	2
3	11.5 -	11.7 -	11.7 +	9.9 -	12.6	16.3	17.3	17.0	18.7	16.9	12.1	8.9	3
4	11.5 -	11.7 -	11.7 +	9.9 -	12.6	16.2	17.2	16.8 -	18.8	16.8	12.1	9.8 +	4
5	11.5 -	11.7 -	11.7 +	9.9 -	12.7	16.3	17.2	17.0	18.9 +	16.8	12.1	9.4	5
6	11.5 -	11.7 -	11.7 +	9.9 -	12.7	16.2	17.3	17.0	18.8	16.7	12.3 +	8.9	6
7	11.6	11.7 -	11.7 +	10.2	12.7	16.3	17.8	17.1	18.8	16.6	12.3 +	8.8 -	7
8	11.6	11.7 -	11.7 +	10.8	12.9	16.3	17.9 +	17.1	18.8	16.6	12.1	8.8 -	8
9	11.6	11.7 -	11.7 +	11.4	13.0	16.4	17.2	17.1	18.8	16.5	11.8	8.8 -	9
10	11.6	11.7 -	11.7 +	11.7	13.0	16.3	17.3	17.1	18.8	16.4	11.8	8.8 -	10
11	11.6	11.8 +	11.7 +	11.9	13.0	16.2	17.4	16.9	18.8	16.4	11.8	8.8 -	11
12	11.6	11.8 +	11.7 +	11.9	13.1	16.2	17.4	16.8 -	18.7	16.4	11.8	8.8 -	12
13	11.6	11.8 +	11.6	11.4	13.3	16.1	17.4	16.8 -	18.6	16.4	11.7	8.8 -	13
14	11.6	11.8 +	11.6	11.3	13.4	16.0	17.4	16.9	18.5	16.3	11.7	8.8 -	14
15	11.6	11.8 +	11.5	11.3	13.6	14.7 -	17.4	16.9	18.5	16.3	11.7	8.8 -	15
16	11.6	11.8 +	10.7	11.3	13.7	16.1	17.4	17.0	18.4	16.3	11.6	8.8 -	16
17	11.6	11.8 +	10.7	11.3	13.8	16.7	17.5	17.0	18.1	16.1	11.6	8.9	17
18	11.6	11.8 +	10.3	11.3	13.9	17.0 +	17.3	17.1	17.6	16.0	11.6	8.9	18
19	11.6	11.8 +	9.7	11.3	14.0	16.7	17.5	17.1	18.2	15.8	11.6	9.0	19
20	11.6	11.8 +	10.6	11.3	14.1	16.4	17.5	17.2	18.3	15.5	11.6	9.1	20
21	11.6	11.7 -	10.8	11.3	14.1	16.0	17.1	17.2	18.3	15.4	11.6	9.1	21
22	11.6	11.8 +	10.5	11.3	14.1	15.8	17.3	17.3	18.3	15.4	11.9	9.1	22
23	11.6	11.8 +	9.8	11.4	14.1	16.1	17.5	17.4	17.5	15.4	11.5	9.2	23
24	11.6	11.8 +	9.8	11.5	14.1	16.3	17.5	17.7	17.5	15.4	11.9	9.2	24
25	11.6	11.8 +	9.8	11.6	14.3	16.3	17.4	18.1	17.9	14.4	11.9	9.3	25
26	11.6	11.7 -	9.8	11.7	15.0	16.4	17.2	18.4	17.8	12.7	11.7	9.3	26
27	11.6	11.7 -	9.6 -	11.8	15.2	16.6	16.7	18.8 +	17.6	12.2	11.4	9.4	27
28	11.6	11.7 -	9.6 -	11.9	15.3 +	16.5	16.6 -	18.7	17.4	11.8	11.2	9.4	28
29	11.6	9.9	12.0	15.3 +	17.0 +	16.9	18.4	17.3	11.7 -	11.2	9.4	29	29
30	11.6	9.9	12.1 +	15.1	16.6	17.2	18.6	17.2 -	11.7 -	10.7 -	9.4	30	30
31	11.7 +	9.9	9.9	15.0	15.0	17.2	18.7	18.7	11.9	11.9	9.4	31	31
Monatsmittel	11.6	11.7	10.9	11.2	13.7	16.3	17.3	17.4	18.3 +	15.4	11.7	9.1 -	
Maximum	11.7	11.8	11.8	12.2	15.5	17.5	18.0	18.9 +	18.9 +	17.1	12.8	10.0 -	
Datum	15.01	10.02	01.03	30.04	29.05	29.06	08.07	27.08	04.09	01.10	22.11	04.12	
Minimum	11.5	11.6	9.3	9.7	12.2	14.0	16.5	16.6	17.1 +	11.6	10.0	8.7 -	
Datum	01.01	01.02	27.03	04.04	01.05	15.06	01.07	02.08	30.09	29.10	30.11	02.12	
Amplitude	0.2	0.2	2.5	2.5	3.3	3.5	1.5	2.3	1.8	5.5	2.8	1.3	
Jahr 2011	Mittel	13.7 °C		Maximum	18.9 (27.Aug)		Minimum	8.7 (02.Dez)		Amplitude	10.2 °C		



Periode	2000 - 2011												
Monatsmittel	7.8	7.4 -	7.4 -	8.7	10.7	13.6	16.5	17.4 +	16.5	14.1	11.6	9.4	
Maximum	13.1	12.8	12.3 -	12.7	15.5	18.4	20.2	21.7 +	21.6	17.1	15.4	14.4	
Jahr	2009	2009	2009	2007	2011	2003	2003	2003	2003	2011	2009	2006	
Minimum	3.3	2.9 -	3.5	4.8	6.7	7.4	11.2	14.7 +	13.4	10.5	6.9	5.3	
Jahr	2006	2006	2006	2006	2006	2008	2008	2008	2007	2003	2005	2005	
Amplitude	6.2	4.1	4.1	4.6	5.1	6.4	5.0	3.6 -	5.2	6.0	5.9	7.2 +	
Jahr	2002	2002	2009	2007	2004	2006	2005	2006	2003	2003	2005	2006	
Periode	Mittel	11.8 °C		Maximum	21.7 (26.Aug 2003)		Minimum	2.9 (23.Feb 2006)		Amplitude	18.8 °C		

Darstellung der letzten 12 Jahre



Leitfähigkeit

Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.15

294.07

293.01

Vers.-Anlage

m ü.M.

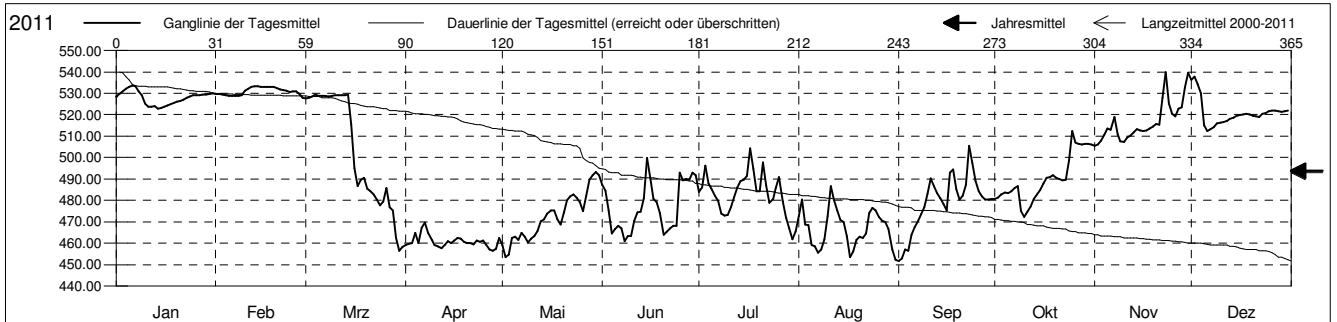
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 612465.69 / 258288.81

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	529	530	528	459	459	487	484	473	452 -	481	506 -	536	1
2	530	530	528	460	454 -	485	486	480	453	481	506 -	538 +	2
3	531	529	529	460	455	475	496	469	457	483	508	534	3
4	532	529	529	465	462	465	488	468	456	484	511	530	4
5	533	529	529	460	463	467	485	459	464	483	514	515	5
6	534 +	529	529	467	462	468	482	459	468	484	513	512 -	6
7	533	529	529	470 +	465	467	480	456	470	486	519	517	7
8	531	529	529	465	463	461 -	474	457	474	487	511	514	8
9	529	529	529	462	460	463	473	462	477	475	508	516	9
10	525	531	529	459	462	463	473	473	483	472 -	507	516	10
11	524	532	529	459	463	471	477	487 +	490	475	509	517	11
12	524	533 +	529	458	466	474	482	480	487	477	510	517	12
13	524	533 +	529	459	470	475	486	475	483	481	512	518	13
14	523 -	533 +	530 +	461	471	481	489	471	481	483	513	519	14
15	523 -	533 +	515	460	474	500 +	490	470	478	485	513	520	15
Max. +	524	533 +	495	461	475	491	491	463	475	488	512	520	16
16	524	533 +	487	462	475	481	504 +	454	493	491	513	520	17
17	524	533 +	490	462	471	479	495	456	494	491	514	520	18
18	525	533 +	491	461	469	474	484	461	485	492	515	520	19
19	526	533 +	486	460	474	464	484	463	480	490	516	520	20
Min. -	526	532	484	460	480	465	498	462	482	490	515	519	21
21	527	532	483	459	482	467	487	464	487	489	528	519	22
22	528	531	480	461	483	468	479	474	506 +	490	540 +	520	23
23	528	531	478	461	481	468	481	476	497	499	525	521	24
24	529	531	479	461	479	493	486	475	489	513 +	520	522	25
25	529	531	486	459	475	489	491	472	484	507	519	522	26
26	529	530	477	457 -	482	490	479	470	482	506	523	522	27
27	529	528 -	475	457 -	490	490	472	470	480	506	524	522	28
28	529		463	457 -	492	493	467	467	480	507	533	521	29
29	530		456 -	462	493 +	492	462 -	457	481	507	540 +	522	30
30	530		458	492	492	465	452 -		506			522	31
31	530		458	492	492	465	452 -		506			522	31
Monatsmittel	528	531 +	503	461 -	472	477	483	467	479	490	516	521	
Maximum	535	534	531	475 -	498	510	524	493	519	520	570 +	539	
Datum	06.01	13.02	14.03	06.04	30.05	15.06	17.07	02.08	23.09	24.10	22.11	02.12	
Minimum	521 +	521 +	452	453	450	460	461	450	448 -	471	504	509	
Datum	10.01	28.02	30.03	11.04	03.05	08.06	30.07	18.08	02.09	09.10	01.11	05.12	
Amplitude	14	13	79	22	48	50	63	43	71	49	66	30	
Jahr 2011	Mittel	494	Maximum	570 (22.Nov)	Minimum	448 (02.Sep)	Amplitude	122					



Periode	2000 - 2011												
Monatsmittel	515	521 +	506	468 -	476	479	473	475	481	492	511	516	
Maximum	538	546	541	515	505 -	514	524	522	528	524	570 +	547	
Jahr	2009	2010	2009	2010	2007	2008	2011	2007	2007	2007	2011 +	2006	
Minimum	477	485	452	422 -	443	443	447	439	445	469	492 +	490	
Jahr	2007	2007	2011	2009	2009	2009	2007	2009	2009	2008	2010	2009	
Amplitude	53	42 -	79	86 +	56	50	73	75	71	49	66	53	
Jahr	2007	2007	2011	2010	2009	2011	2009	2007	2011	2011	2011	2006	
Periode	Mittel	493	Maximum	570 (22.Nov 2011)	Minimum	422 (23.Apr 2009)	Amplitude	148					

Darstellung der letzten 12 Jahre

