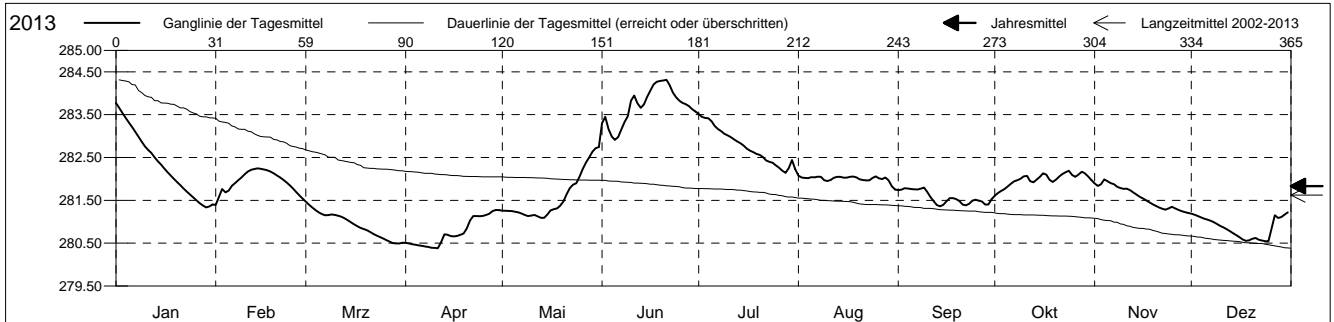


Grundwasserstände

Birstal
 Aesch 11.J.3 Pentapharm
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

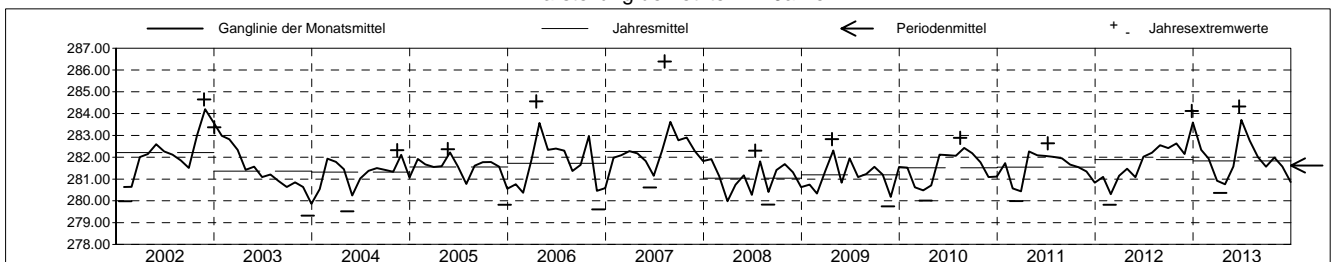
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	283.77 +	281.39 -	281.47 +	280.51	281.26	283.30	283.52 +	282.08 +	281.74	281.61 -	281.89	281.19	1
2	283.66	281.58	281.40	280.49	281.25	283.45	283.45	282.03	281.75	281.67	281.84	281.16	2
3	283.54	281.76	281.33	280.48	281.25	283.16	283.42	282.02	281.78	281.72	281.88	281.14	3
4	283.43	281.69	281.27	280.46	281.25	282.99	283.41	282.02	281.78	281.76	281.99 +	281.10	4
5	283.32	281.73	281.22	280.45	281.23	282.91 -	283.35	282.04	281.76	281.82	281.95	281.07	5
Tagesmittel													
6	283.21	281.84	281.17	280.44	281.22	282.98	283.24	282.04	281.76	281.89	281.90	281.05	6
7	283.10	281.90	281.15	280.42	281.19	283.16	283.17	282.05	281.75	281.94	281.88	281.02	7
8	282.98	281.97	281.16	280.41	281.16	283.33	283.11	282.05	281.77	281.97	281.82	280.99	8
9	282.87	282.03	281.17	280.39	281.13	283.46	283.06	281.97	281.80 +	282.00	281.79	280.95	9
10	282.76	282.11	281.16	280.39	281.14	283.83	283.02	281.95	281.70	282.06	281.77	280.91	10
11	282.68	282.17	281.14	280.38 -	281.16	283.95	282.98	281.97	281.58	282.07	281.77	280.87	11
12	282.60	282.21	281.12	280.52	281.13	283.77	282.92	282.02	281.48	281.95	281.74	280.83	12
13	282.51	282.23	281.08	280.71	281.09 -	283.66	282.88	282.05	281.39	281.92	281.69	280.78	13
14	282.41	282.24 +	281.03	280.69	281.09 -	283.74	282.83	282.05	281.36 -	281.98	281.63	280.73	14
15	282.33	282.24 +	280.98	280.67	281.17	283.92	282.78	282.03	281.39	282.05	281.59	280.69	15
Max. +													
16	282.25	282.22	280.94	280.66	281.26	284.06	282.71	282.03	281.48	282.13	281.54	280.64	16
17	282.16	282.20	280.89	280.67	281.29	284.20	282.66	282.05	281.55	282.10	281.50	280.59	17
18	282.08	282.17	280.86	280.69	281.31	284.27	282.62	282.05	281.55	281.98	281.45	280.55	18
19	282.00	282.13	280.83	280.73	281.37	284.29	282.58	282.04	281.53	281.93	281.41	280.57	19
20	281.92	282.08	280.80	280.85	281.47	284.30	282.56	281.99	281.48	281.98	281.37	280.60	20
Min. -													
21	281.85	282.03	280.76	281.03	281.64	284.31 +	282.51	281.97	281.40	282.05	281.33	280.62	21
22	281.78	281.98	280.72	281.13	281.79	284.19	282.43	281.96	281.38	282.11	281.30	280.58	22
23	281.71	281.92	280.68	281.13	281.87	284.01	282.40	281.97	281.42	282.15	281.28	280.56	23
24	281.64	281.85	280.64	281.13	281.90	283.91	282.38	282.02	281.49	282.19 +	281.31	280.54 -	24
25	281.57	281.77	280.61	281.14	282.05	283.83	282.32	282.06	281.52	282.09	281.35	280.54 -	25
26	281.50	281.69	280.57	281.16	282.23	283.78	282.26	282.01	281.49	282.05	281.31	280.84	26
27	281.43	281.62	280.53	281.19	282.38	283.74	282.19	282.00	281.47	282.10	281.28	281.15	27
28	281.38	281.54	280.50	281.25	282.50	283.70	282.14 -	282.03	281.40	282.17	281.25	281.09	28
29	281.33 -		280.49 -	281.27 +	282.64	283.63	282.25	281.97	281.40	282.13	281.22	281.11	29
30	281.35		280.49 -	281.27 +	282.72	283.57	282.44	281.83	281.53	282.06	281.21 -	281.17	30
31	281.40		280.51		282.74 +		282.23	281.75 -		281.97		281.22 +	31
Monatsmittel	282.34	281.94	280.92	280.76 -	281.58	283.71 +	282.77	282.00	281.56	281.99	281.57	280.87	
Maximum	283.83	282.26	281.51	281.28	282.87	284.33 +	283.55	282.14	281.81	282.20	281.99	281.25 -	
Datum	01.01	14.02	01.03	29.04	31.05	21.06	01.07	01.08	09.09	24.10	04.11	31.12	
Amplitude	2.51	0.88	1.03	0.92	1.81	1.43	1.44	0.40	0.47	0.62	0.80	0.73	
Jahr 2013	Mittel	281.83 m ü.M.		Maximum	284.33 (21.Jun)		Minimum	280.36 (11.Apr)		Amplitude	3.96 m		



Periode	2002 - 2013												
Monatsmittel	281.51	281.20 -	281.35	281.72	281.64	281.80	281.84	281.79	281.72	281.97 +	281.57	281.34	
Maximum	283.83	283.02 -	283.08	284.56	283.39	284.33	283.55	286.39 +	283.05	284.31	284.65	284.57	
Jahr	2013	2003	2006	2006	2006	2013	2013	2007	2007	2002	2002	2002	
Minimum	280.10	279.82	279.85	279.99	279.52	279.99	279.95	279.83	279.93	280.50 +	279.70	279.32 -	
Jahr	2002	2012	2008	2008	2004	2008	2005	2008	2003	2009	2006	2003	
Amplitude	2.51	1.94	3.03	2.38	1.81	1.58 -	1.86	4.00 +	2.13	2.35	1.91	2.32	
Jahr	2013	2008	2006	2006	2013	2007	2005	2007	2008	2002	2006	2006	
Periode	Mittel	281.62 m ü.M.		Maximum	286.39 (09.Aug 2007)		Minimum	279.32 (17.Dez 2003)		Amplitude	7.07 m		

Darstellung der letzten 12 Jahre

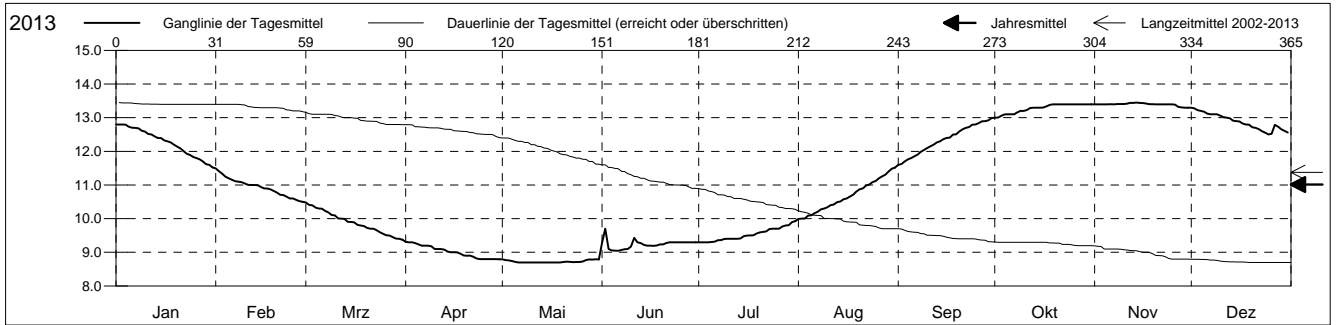


Grundwassertemperatur

Birstal
 Aesch 11.J.3 Pentapharm
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

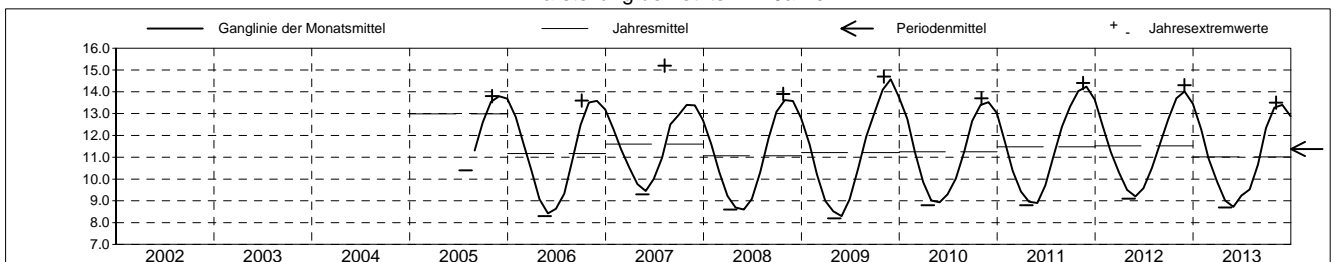
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.8 +	11.5 +	10.5 +	9.3 +	8.8 +	9.3	9.3 -	10.0 -	11.6 -	13.0 -	13.4 +	13.3 +	1
2	12.8 +	11.4	10.4	9.3 +	8.8 +	9.7 +	9.3 -	10.0 -	11.6 -	13.0 -	13.4 +	13.3 +	2
3	12.8 +	11.3	10.4	9.3 +	8.8 +	9.1	9.3 -	10.0 -	11.7	13.1	13.4 +	13.2	3
4	12.8 +	11.2	10.3	9.3 +	8.7 -	9.1	9.3 -	10.1	11.8	13.1	13.4 +	13.2	4
5	12.7	11.2	10.3	9.2	8.7 -	9.1	9.3 -	10.1	11.8	13.1	13.4 +	13.2	5
Tagesmittel													
6	12.7	11.2	10.3	9.2	8.7 -	9.0 -	9.3 -	10.2	11.9	13.1	13.4 +	13.1	6
7	12.7	11.1	10.2	9.2	8.7 -	9.1	9.4	10.2	11.9	13.1	13.4 +	13.1	7
8	12.7	11.1	10.2	9.2	8.7 -	9.1	9.4	10.3	12.0	13.2	13.4 +	13.1	8
9	12.6	11.1	10.1	9.2	8.7 -	9.1	9.4	10.3	12.0	13.2	13.4 +	13.1	9
10	12.6	11.1	10.1	9.1	8.7 -	9.2	9.4	10.3	12.1	13.2	13.4 +	13.1	10
11	12.5	11.0	10.0	9.1	8.7 -	9.4	9.4	10.4	12.2	13.2	13.4 +	13.0	11
12	12.5	11.0	10.0	9.1	8.7 -	9.3	9.4	10.4	12.2	13.3	13.4 +	13.0	12
13	12.4	11.0	10.0	9.1	8.7 -	9.3	9.4	10.5	12.3	13.3	13.4 +	13.0	13
14	12.4	11.0	9.9	9.0	8.7 -	9.2	9.4	10.5	12.3	13.3	13.4 +	12.9	14
15	12.4	10.9	9.9	9.0	8.7 -	9.2	9.5	10.6	12.4	13.3	13.4 +	12.9	15
Max. +													
16	12.3	10.9	9.9	9.0	8.7 -	9.2	9.5	10.6	12.4	13.3	13.4 +	12.9	16
17	12.3	10.9	9.8	9.0	8.7 -	9.2	9.5	10.7	12.4	13.3	13.4 +	12.8	17
18	12.3	10.9	9.8	9.0	8.7 -	9.2	9.5	10.7	12.5	13.4 +	13.4 +	12.8	18
19	12.2	10.8	9.8	8.9	8.7 -	9.2	9.6	10.8	12.5	13.4 +	13.4 +	12.8	19
20	12.1	10.8	9.7	8.9	8.7 -	9.2	9.6	10.9	12.6	13.4 +	13.4 +	12.7	20
Min. -													
21	12.1	10.7	9.7	8.9	8.7 -	9.3	9.6	10.9	12.7	13.4 +	13.4 +	12.7	21
22	12.0	10.7	9.7	8.9	8.7 -	9.3	9.6	11.0	12.7	13.4 +	13.4 +	12.7	22
23	11.9	10.7	9.7	8.8 -	8.7 -	9.3	9.7	11.0	12.7	13.4 +	13.4 +	12.6	23
24	11.9	10.6	9.6	8.8 -	8.7 -	9.3	9.7	11.1	12.8	13.4 +	13.4 +	12.6	24
25	11.8	10.6	9.6	8.8 -	8.7 -	9.3	9.7	11.1	12.8	13.4 +	13.4 +	12.5 -	25
26	11.8	10.6	9.5	8.8 -	8.7 -	9.3	9.7	11.2	12.8	13.4 +	13.4 +	12.5 -	26
27	11.8	10.5 -	9.5	8.8 -	8.8 +	9.3	9.8	11.3	12.9	13.4 +	13.3 -	12.8	27
28	11.7	10.5 -	9.4 -	8.8 -	8.8 +	9.3	9.8	11.3	12.9	13.4 +	13.3 -	12.7	28
29	11.6	10.5 -	9.4 -	8.8 -	8.8 +	9.3	9.8	11.4	12.9	13.4 +	13.3 -	12.7	29
30	11.6	10.5 -	9.4 -	8.8 -	8.8 +	9.3	9.9 +	11.5 +	13.0 +	13.4 +	13.3 -	12.6	30
31	11.5 -	10.5 -	9.4 -	8.8 -	8.8 +	9.3	9.9 +	11.5 +	13.0 +	13.4 +	13.3 -	12.6	31
Monatsmittel	12.3	10.9	9.9	9.0	8.7 -	9.2	9.5	10.7	12.3	13.3	13.4 +	12.9	
Maximum	12.8	11.5	10.5	9.4	8.8 -	10.5	10.0	11.6	13.0	13.4	13.5 +	13.3	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	31.07	31.08	29.09	16.10	06.11	01.12	
Minimum	11.5	10.5	9.3	8.7 -	8.7 -	9.3	9.3	9.9	11.6	13.0	13.3 +	12.4	
Datum	31.01	26.02	31.03	30.04	01.05	01.06	01.07	01.08	01.09	01.10	26.11	26.12	
Amplitude	1.3	1.0	1.2	0.7	0.1	1.8	0.7	1.7	1.4	0.4	0.2	0.9	
Jahr 2013	Mittel	11.0 °C		Maximum	13.5 (06.Nov)		Minimum	8.7 (30.Apr)		Amplitude	4.8 °C		



Periode	2002 - 2013												
Monatsmittel	12.2	10.9	9.8	9.1	8.8 -	9.3	10.3	11.6	12.8	13.6	13.8 +	13.2	
Maximum	13.4	12.2	11.6	10.7	9.7 -	10.5	11.8	15.2 +	13.7	14.6	14.7	14.2	
Jahr	2010	2006	2006	2006	2007	2007	2011	2007	2011	2009	2009	2009	
Minimum	10.9	9.5	8.6	8.3	8.2 -	8.4	9.0	9.8	11.6	13.0	13.1 +	12.2	
Jahr	2009	2009	2009	2009	2009	2006	2006	2006	2013	2013	2007	2007	
Amplitude	1.5	1.5	2.1	2.2	0.4 -	1.8	1.5	3.8 +	1.4	1.0	0.6	1.3	
Jahr	2011	2010	2006	2006	2009	2013	2009	2007	2006	2009	2008	2010	
Periode	Mittel	11.4 °C		Maximum	15.2 (09.Aug 2007)		Minimum	8.2 (03.Mai 2009)		Amplitude	7.0 °C		

Darstellung der letzten 12 Jahre



Leitfähigkeit

Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.3

0.00

0.00

Pentapfarm

m ü.M.

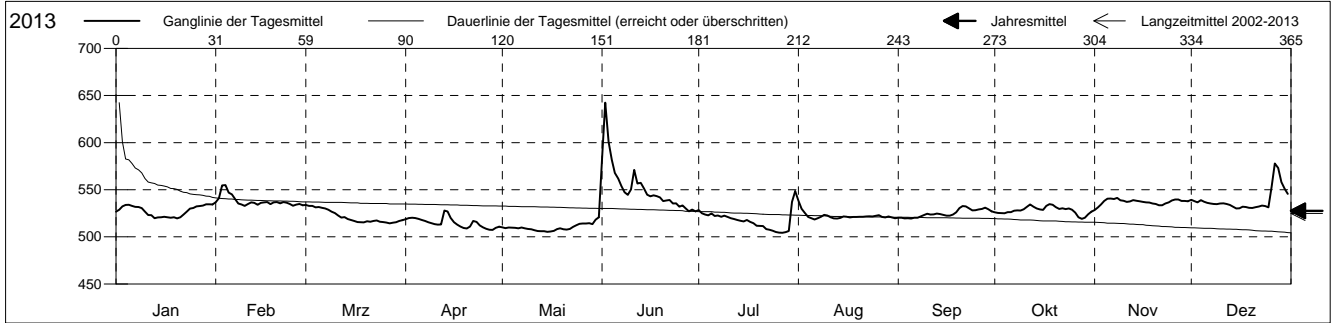
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	527	537	534 +	519	510	583	529	538 +	520	526	529 -	539	1
2	529	541	533	520	509	642 +	525	530	520	525	531	538	2
3	532	555 +	533	520	510	601	524	525	520	525	534	537	3
4	534	555 +	531	520	510	582	523	521	520	525	538	539	4
5	534	547	532	519	510	568	525	520	519 -	526	541 +	537	5
6	533	545	531	518	509	562	522	518 -	520	526	541 +	536	6
7	532	540	530	517	510	554	523	520	520	528	540	535	7
8	532	535	529	516	509	547	521	521	522	528	541 +	535	8
9	531	534	527	515	508	545	523	523	523	528	539	535	9
10	527	533 -	525	514	508	550	521	523	525	529	538	535	10
11	523	535	523	513	507	571	520	521	524	532	537	536	11
12	523	537	520	513	506	557	519	520	524	534	538	535	12
13	520 -	536	521	528 +	506	557	518	519	525	532	539	534	13
14	521	534	519	527	506	551	517	520	524	530	538	532	14
15	521	536	518	520	505 -	545	516	522	523	529	538	530 -	15
16	521	537	517	516	506	543	518	521	523	529	537	530 -	16
17	521	537	516	513	506	544	516	521	523	533	537	532	17
18	520 -	535	516	511	508	543	515	521	524	535 +	536	532	18
19	521	537	515	510	509	542	512	521	526	534	535	531	19
20	520 -	537	517	509	508	538	512	521	531	532	535	531	20
21	521	536	516	511	508	539	511	521	533 +	530	534	532	21
22	524	537	517	517	508	539	508	522	532	530	534	532	22
23	527	536	517	516	511	535	508	522	530	529	535	533	23
24	530	535	516	512	512	536	507	522	528	530	537	533	24
25	531	533 -	516	510	514	532	505	522	528	529	539	531	25
26	532	534	515	509	514	533	505	523	529	526	540	553	26
27	533	535	514 -	507 -	514	530	504 -	521	530	521	540	578 +	27
28	533	534	515	507 -	515	527 -	505	521	531	519 -	538	573	28
29	535 +		516	510	513	529	506	522	529	520	538	558	29
30	535 +		517	511	518	527 -	537	521	527	524	538	551	30
31	534		518		521 +		548 +	520		527		546	31
Monatsmittel	528	538	521	515	510 -	552 +	517	522	525	528	537	539	
Maximum	539	565	539	535	530 -	677 +	554	544	535	538	545	587	
Datum	28.01	03.02	01.03	13.04	31.05	01.06	30.07	01.08	21.09	17.10	05.11	27.12	
Minimum	509	523	512	506	502 -	503	504	509	512	516	522	525 +	
Datum	13.01	08.02	18.03	27.04	21.05	22.06	22.07	06.08	05.09	03.10	11.11	22.12	
Amplitude	30	42	27	29	28	174	50	35	23	22	23	62	
Jahr 2013	Mittel	528		Maximum	677 (01.Jun)		Minimum	502 (21.Mai)		Amplitude	175		



Periode	2002 - 2013												
Monatsmittel	525	530	519	506 -	506 -	521	520	528	532	531	538 +	538 +	
Maximum	563	565	547	658	531 -	677	558	798 +	677	628	646	661	
Jahr	2010	2013	2009	2012	2010	2013	2012	2007	2006	2012	2012	2010	
Minimum	506	508	495	482 -	484	502	503	506	504	509	522 +	509	
Jahr	2008	2012	2012	2009	2008	2008	2008	2007	2007	2007	2008	2007	
Amplitude	37	42	41	165	32 -	174	50	292 +	155	100	116	133	
Jahr	2010	2013	2012	2012	2010	2013	2013	2007	2006	2012	2012	2010	
Periode	Mittel	525		Maximum	798 (11.Aug 2007)		Minimum	482 (24.Apr 2009)		Amplitude	316		

Darstellung der letzten 12 Jahre

