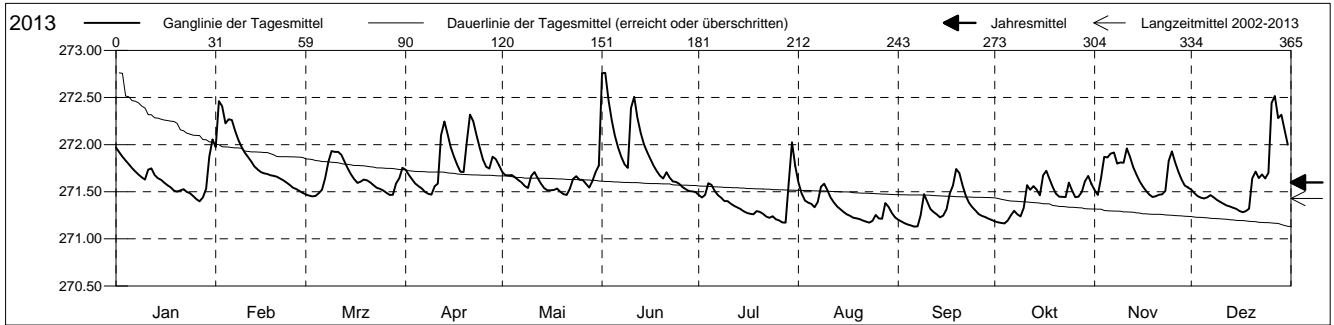


Grundwasserstände

Birstal
 Arlesheim 13.C.10 Widen
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

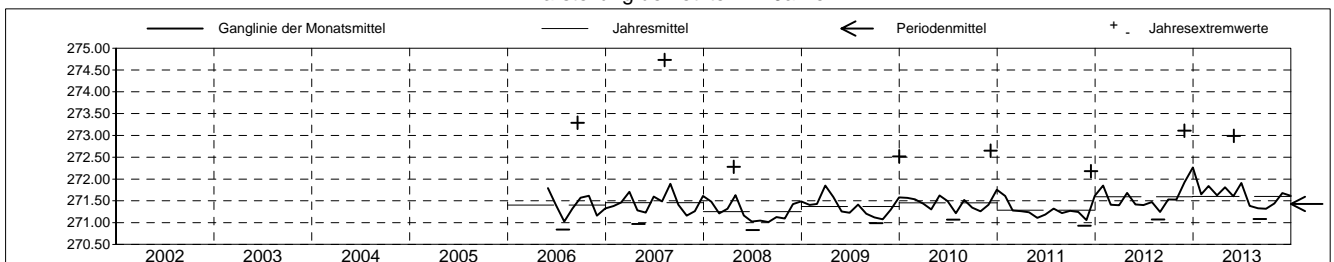
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	271.97	271.97	271.47	271.73	271.71	272.76 +	271.47	271.60 +	271.20	271.19	271.52	271.52	1
2	271.92	272.46 +	271.46	271.68	271.67	272.76 +	271.44	271.48	271.18	271.18	271.47	271.49	2
3	271.87	272.41	271.45 -	271.63	271.68	272.47	271.47	271.41	271.17	271.17	271.64	271.46	3
4	271.83	272.23	271.46	271.59	271.68	272.26	271.59	271.38	271.15	271.16 -	271.87	271.44	4
5	271.79	272.27	271.48	271.56	271.65	272.10	271.57	271.37	271.14	271.19	271.86	271.43	5
Tagesmittel													
6	271.75	272.26	271.52	271.53	271.63	271.97	271.51	271.34	271.13 -	271.25	271.90	271.44	6
7	271.72	272.15	271.65	271.50	271.60	271.87	271.46	271.39	271.13 -	271.30	271.92	271.46	7
8	271.68	272.05	271.82	271.48	271.56	271.79	271.44	271.55	271.25	271.26	271.80	271.44	8
9	271.65	271.98	271.93 +	271.47 -	271.54	271.75	271.40	271.58	271.47	271.24	271.81	271.41	9
10	271.63	271.92	271.92 +	271.56	271.67	272.39	271.40	271.52	271.39	271.33	271.81	271.39	10
11	271.73	271.87	271.92	271.59	271.71	272.51	271.37	271.44	271.32	271.57	271.96 +	271.37	11
12	271.75	271.82	271.89	272.10	271.64	272.28	271.35	271.39	271.28	271.52	271.87	271.35	12
13	271.68	271.77	271.82	272.25	271.59	272.12	271.33	271.34	271.26	271.56	271.76	271.34	13
14	271.64	271.74	271.75	272.11	271.54	272.00	271.32	271.32	271.23	271.52	271.68	271.33	14
Max. +	271.63	271.71	271.69	271.98	271.51	271.92	271.29	271.29	271.25	271.46	271.61	271.32	15
16	271.60	271.69	271.63	271.87	271.52	271.85	271.28	271.26	271.32	271.67	271.55	271.30	16
17	271.57	271.69	271.59	271.78	271.52	271.78	271.27	271.25	271.48	271.72 +	271.51	271.28 -	17
18	271.55	271.68	271.61	271.71	271.53	271.72	271.26	271.23	271.57	271.64	271.47	271.29	18
19	271.51	271.67	271.63	271.71	271.50	271.67	271.30	271.22	271.74 +	271.55	271.44 -	271.32	19
Min. -	271.50	271.66	271.62	272.03	271.47 -	271.64	271.29	271.21	271.70	271.48	271.45	271.64	20
21	271.51	271.64	271.60	272.32 +	271.47 -	271.71	271.27	271.20	271.57	271.45	271.47	271.72	21
22	271.53	271.62	271.57	272.25	271.53	271.65	271.24	271.18	271.46	271.44	271.47	271.65	22
23	271.50	271.60	271.54	272.10	271.64	271.61	271.22	271.17 -	271.38	271.44	271.51	271.68	23
24	271.48	271.57	271.53	271.96	271.66	271.60	271.24	271.19	271.33	271.60	271.83	271.64	24
25	271.45	271.54	271.51	271.84	271.63	271.58	271.21	271.25	271.30	271.51	271.93	271.70	25
26	271.42	271.53	271.49	271.77	271.63	271.55	271.20	271.22	271.26	271.44	271.81	272.44	26
27	271.40 -	271.51	271.47	271.75	271.58	271.53	271.17 -	271.21	271.24	271.45	271.71	272.52 +	27
28	271.44	271.49 -	271.47	271.87	271.54	271.51	271.17 -	271.38	271.23	271.50	271.63	272.28	28
29	271.53		271.59	271.85	271.61	271.50 -	271.60	271.34	271.21	271.61	271.57	272.32	29
30	271.87		271.64	271.78	271.71	271.50 -	272.03 +	271.27	271.20	271.67	271.55	272.16	30
31	272.05 +		271.75		271.78 +		271.78	271.23	271.23	271.58		272.00	31
Monatsmittel	271.65	271.84	271.63	271.81	271.60	271.91 +	271.38	271.33	271.32 -	271.44	271.68	271.62	
Maximum	272.09	272.64	271.96	272.37	272.20	272.99 +	272.12	271.63 -	271.81	271.79	271.98	272.65	
Datum	31.01	02.02	09.03	21.04	31.05	01.06	30.07	01.08	19.09	16.10	11.11	26.12	
Amplitude	0.73	1.18	0.54	0.93	0.77	1.54	1.00	0.51	0.73	0.66	0.58	1.40	
Jahr 2013	Mittel	271.60 m ü.M.		Maximum	272.99 (01.Jun)		Minimum	271.08 (07.Sep)		Amplitude	1.91 m		



Periode	2002 - 2013												
Monatsmittel	271.56	271.45	271.51	271.50	271.40	271.41	271.30 -	271.34	271.34	271.30 -	271.40	271.66 +	
Maximum	272.49	272.64	272.50	272.86	272.29	272.99	272.12 -	274.73 +	273.29	272.62	273.11	272.80	
Jahr	2010	2013	2007	2012	2006	2013	2013	2007	2006	2006	2012	2012	
Minimum	271.00	271.03	271.05 +	271.00	270.96	270.85	270.83 -	270.85	270.85	270.88	270.93	270.99	
Jahr	2007	2008	2008	2007	2008	2008	2008	2008	2008	2008	2011	2011	
Amplitude	1.19	1.18	1.14	1.68	1.13	1.54	1.00 -	3.59 +	2.29	1.45	1.69	1.41	
Jahr	2010	2013	2007	2012	2010	2013	2013	2007	2006	2006	2012	2010	
Periode	Mittel	271.43 m ü.M.		Maximum	274.73 (09.Aug 2007)		Minimum	270.83 (03.Jul 2008)		Amplitude	3.90 m		

Darstellung der letzten 12 Jahre

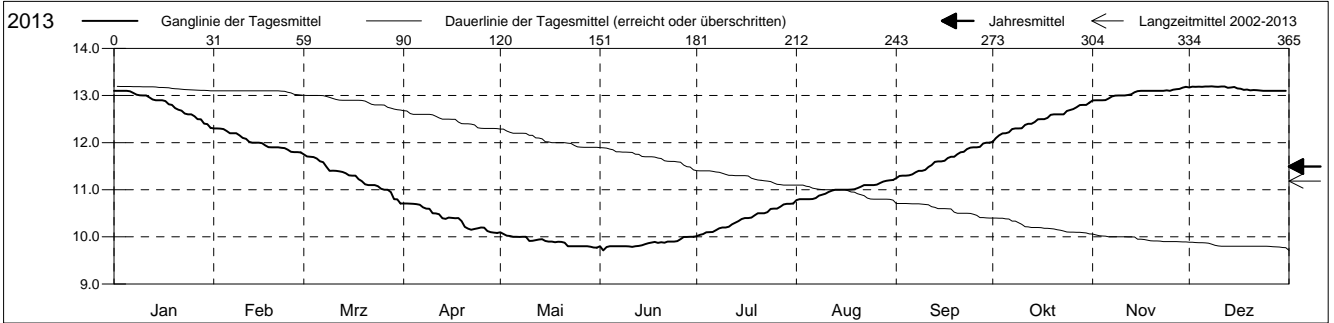


Grundwassertemperatur

Birstal
 Arlesheim 13.C.10 Widen
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

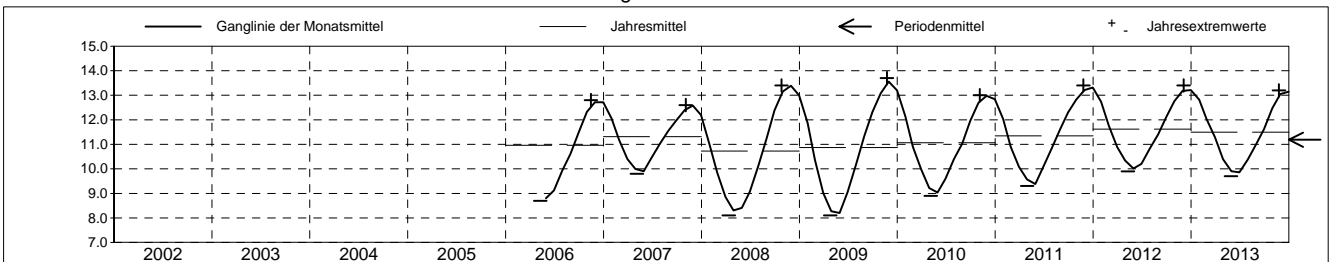
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	13.1 +	12.3 +	11.8 +	10.7 +	10.1 +	9.8	10.0 -	10.8 -	11.2 -	12.0 -	12.9 -	13.2 +	1	
2	13.1 +	12.3 +	11.7	10.7 +	10.1 +	9.7 -	10.0 -	10.8 -	11.3	12.1	12.9 -	13.2 +	2	
3	13.1 +	12.3 +	11.7	10.7 +	10.0	9.8	10.1	10.8 -	11.3	12.2	12.9 -	13.2 +	3	
4	13.1 +	12.3 +	11.7	10.7 +	10.0	9.8	10.1	10.8 -	11.3	12.2	12.9 -	13.2 +	4	
5	13.1 +	12.2	11.7	10.7 +	10.0	9.8	10.1	10.8 -	11.3	12.2	12.9 -	13.2 +	5	
Tagesmittel														
6	13.1 +	12.2	11.6	10.7 +	10.0	9.8	10.1	10.8 -	11.3	12.2	12.9 -	13.2 +	6	
7	13.1 +	12.2	11.6	10.6	10.0	9.8	10.1	10.8 -	11.4	12.3	13.0	13.2 +	7	
8	13.0	12.2	11.5	10.6	10.0	9.8	10.2	10.9	11.4	12.3	13.0	13.2 +	8	
9	13.0	12.2	11.4	10.6	10.0	9.8	10.2	10.9	11.4	12.3	13.0	13.2 +	9	
10	13.0	12.1	11.4	10.5	9.9	9.8	10.2	10.9	11.4	12.3	13.0	13.2 +	10	
11	13.0	12.1	11.4	10.5	9.9	9.8	10.2	11.0	11.5	12.4	13.0	13.2 +	11	
12	13.0	12.0	11.4	10.5	9.9	9.8	10.3	11.0	11.5	12.4	13.0	13.2 +	12	
13	12.9	12.0	11.4	10.4	9.9	9.8	10.3	11.0	11.6	12.4	13.0	13.2 +	13	
14	12.9	12.0	11.4	10.4	9.9	9.8	10.3	11.0	11.6	12.4	13.1	13.2 +	14	
15	12.9	12.0	11.3	10.4	9.9	9.8	10.4	11.0	11.6	12.5	13.1	13.2 +	15	
Max. +														
16	12.9	12.0	11.3	10.4	9.9	9.9	10.4	11.0	11.6	12.5	13.1	13.1 -	16	
17	12.9	11.9	11.3	10.4	9.9	9.9	10.4	11.0	11.7	12.5	13.1	13.1 -	17	
18	12.8	11.9	11.2	10.4	9.9	9.9	10.4	11.0	11.7	12.5	13.1	13.1 -	18	
19	12.8	11.9	11.2	10.3	9.9	9.9	10.5	11.0	11.7	12.6	13.1	13.1 -	19	
20	12.7	11.9	11.1	10.2	9.9	9.9	10.5	11.0	11.8	12.6	13.1	13.1 -	20	
Min. -														
21	12.7	11.9	11.1	10.2	9.9	9.9	10.5	11.1	11.8	12.6	13.1	13.1 -	21	
22	12.7	11.9	11.1	10.1 -	9.8 -	9.9	10.5	11.1	11.8	12.6	13.1	13.1 -	22	
23	12.6	11.9	11.1	10.2	9.8 -	9.9	10.5	11.1	11.9	12.6	13.1	13.1 -	23	
24	12.6	11.9	11.1	10.2	9.8 -	9.9	10.6	11.1	11.9	12.7	13.1	13.1 -	24	
25	12.6	11.8 -	11.0	10.2	9.8 -	9.9	10.6	11.1	11.9	12.7	13.1	13.1 -	25	
26	12.6	11.8 -	11.0	10.2	9.8 -	9.9	10.6	11.1	11.9	12.7	13.1	13.1 -	26	
27	12.5	11.8 -	11.0	10.1 -	9.8 -	10.0 +	10.6	11.1	11.9	12.8	13.1	13.1 -	27	
28	12.5	11.8 -	10.9	10.1 -	9.8 -	10.0 +	10.7 +	11.2 +	12.0 +	12.8	13.1	13.1 -	28	
29	12.4		10.8	10.1 -	9.8 -	10.0 +	10.7 +	11.2 +	12.0 +	12.8	13.2 +	13.1 -	29	
30	12.4		10.8	10.1 -	9.8 -	10.0 +	10.7 +	11.2 +	12.0 +	12.8	13.2 +	13.1 -	30	
31	12.3 -		10.7 -		9.8 -		10.7 +	11.2 +		12.9 +		13.1 -	31	
Monatsmittel	12.8	12.0	11.3	10.4	9.9 -	9.9 -	10.4	11.0	11.6	12.5	13.0	13.1 +		
Maximum	13.1	12.3	11.8	10.8	10.1	10.0 -	10.8	11.3	12.0	12.9	13.2 +	13.2 +		
Datum	01.01	01.02	01.03	01.04	01.05	25.06	31.07	31.08	27.09	31.10	24.11	01.12		
Minimum	12.3	11.7	10.7	10.0	9.7 -	9.7 -	10.0	10.7	11.2	12.0	12.8	13.1 +		
Datum	30.01	28.02	30.03	29.04	29.05	02.06	01.07	01.08	01.09	11.10	01.11	01.12		
Amplitude	0.8	0.6	1.1	0.8	0.4	0.3	0.8	0.6	0.8	0.9	0.4	0.1		
Jahr 2013	Mittel	11.5 °C		Maximum	13.2 (24.Nov)			Minimum	9.7 (29.Mai)			Amplitude	3.5 °C	



Periode	2002 - 2013													
Monatsmittel	12.1	11.0	10.1	9.4	9.2 -	9.7	10.5	11.2	12.0	12.7	13.1 +	13.0		
Maximum	13.2	12.3	11.8	10.8	10.1 -	10.8	11.3	12.0	12.8	13.4	13.7 +	13.6		
Jahr	2012	2012	2013	2013	2012	2007	2007	2011	2008	2008	2009	2009		
Minimum	10.5	9.3	8.4	8.1 -	8.1 -	8.5	9.5	10.2	11.0	12.0	12.5 +	11.7		
Jahr	2008	2008	2008	2008	2009	2009	2006	2006	2006	2006	2007	2007		
Amplitude	1.4 +	1.4 +	1.1	0.8	0.4 -	1.2	1.1	1.2	1.0	0.9	0.4 -	1.1		
Jahr	2009	2009	2013	2013	2013	2009	2009	2008	2006	2013	2013	2009		
Periode	Mittel	11.2 °C		Maximum	13.7 (23.Nov 2009)			Minimum	8.1 (12.Apr 2008)			Amplitude	5.6 °C	

Darstellung der letzten 12 Jahre

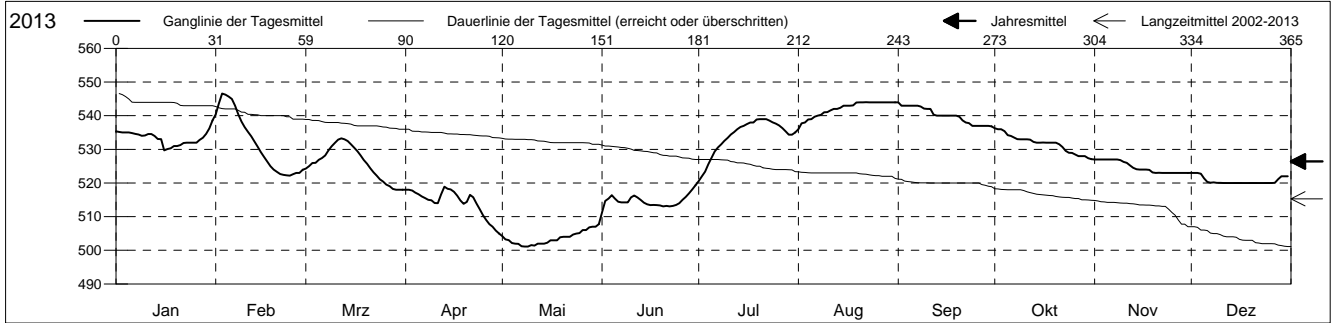


Leitfähigkeit

Birstal
 Arlesheim 13.C.10 Widen
 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	535	540	524	518	504	511 -	521 -	536 -	544 +	536 +	527 +	523 +	1
2	535	544	525	518	503	515	522	538	543	536 +	527 +	523 +	2
3	535	547 +	526	518	503	515	523	538	543	536 +	527 +	523 +	3
4	535	546	526	517	502	516	526	539	543	535	527 +	523 +	4
5	535	546	527	517	502	515	527	539	543	534	527 +	521	5
6	535	545	527	516	502	514	529	540	543	534	527 +	520 -	6
7	535	543	528	516	501 -	514	531	540	543	534	527 +	520 -	7
8	534	540	530	515	501 -	514	532	540	543	533	527 +	520 -	8
9	534	538	531	515	501 -	514	533	541	542	533	527 +	520 -	9
10	534	537	532	514	502	516	533	541	542	533	526	520 -	10
11	535	535	533 +	514	501 -	516	534	542	542	533	526	520 -	11
12	535	534	533 +	517	502	516	535	542	540	533	525	520 -	12
13	534	532	533 +	519 +	502	515	536	542	540	532	525	520 -	13
14	533	531	532	518	502	514	537	542	540	532	524	520 -	14
15	533	529	532	518	502	514	537	543	540	532	524	520 -	15
16	530 -	528	531	517	503	513	538	543	540	532	524	520 -	16
17	530 -	526	529	516	503	514	538	543	540	532	524	520 -	17
18	530 -	525	528	515	503	513	538	543	540	532	524	520 -	18
19	531	524	527	514	504	513	539 +	544 +	540	532	523 -	520 -	19
20	531	523	526	514	504	513	539 +	544 +	540	532	523 -	520 -	20
21	531	523	524	517	504	513	539 +	544 +	539	532	523 -	520 -	21
22	532	522 -	523	516	504	513	539 +	544 +	538	531	523 -	520 -	22
23	532	522 -	522	514	505	513	539 +	544 +	538	530	523 -	520 -	23
24	532	522 -	521	512	505	514	538	544 +	537 -	529	523 -	520 -	24
25	532	523	520	510	505	514	538	544 +	537 -	529	523 -	520 -	25
26	532	523	520	509	506	515	537	544 +	537 -	528	523 -	520 -	26
27	533	523	519	508	506	516	536	544 +	537 -	528	523 -	520 -	27
28	533	524	518 -	507	507	517	535	544 +	537 -	528	523 -	521	28
29	535		518 -	506	507	518	534	544 +	537 -	528	523 -	522	29
30	536		518 -	505 -	507	519 +	534	544 +	537 -	527 -	523 -	522	30
31	539 +		518 -		508 +		535	544 +		527 -		522	31
Monatsmittel	533	532	526	514	504 -	515	534	542 +	540	532	525	521	
Maximum	540	549 +	534	520	508 -	520	539	545	544	537	527	523	
Datum	31.01	03.02	12.03	13.04	31.05	04.06	19.07	22.08	01.09	01.10	01.11	01.12	
Minimum	529	522	518	504	501 -	508	520	535	536 +	527	523	520	
Datum	16.01	21.02	28.03	30.04	06.05	01.06	01.07	01.08	30.09	30.10	18.11	05.12	
Amplitude	11	27	16	16	7	12	19	10	8	10	4	3	
Jahr 2013	Mittel	526		Maximum	549 (03.Feb)		Minimum	501 (06.Mai)		Amplitude	48		



Periode	2002 - 2013												
Monatsmittel	516	517	516	503	501 -	509	518	523 +	521	519	519	520	
Maximum	540	549 +	534	520 -	523	525	539	545	544	537	538	538	
Jahr	2013	2013	2013	2013	2006	2011	2013	2013	2013	2006	2012	2012	
Minimum	496 +	496 +	487	478	477 -	486	490	494	490	490	493	495	
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2007	
Amplitude	20	27	21	19	17	13	19	26	11	10 -	11	30 +	
Jahr	2012	2013	2012	2009	2010	2009	2013	2007	2007	2013	2012	2007	
Periode	Mittel	515		Maximum	549 (03.Feb 2013)		Minimum	477 (03.Mai 2008)		Amplitude	72		

Darstellung der letzten 12 Jahre

