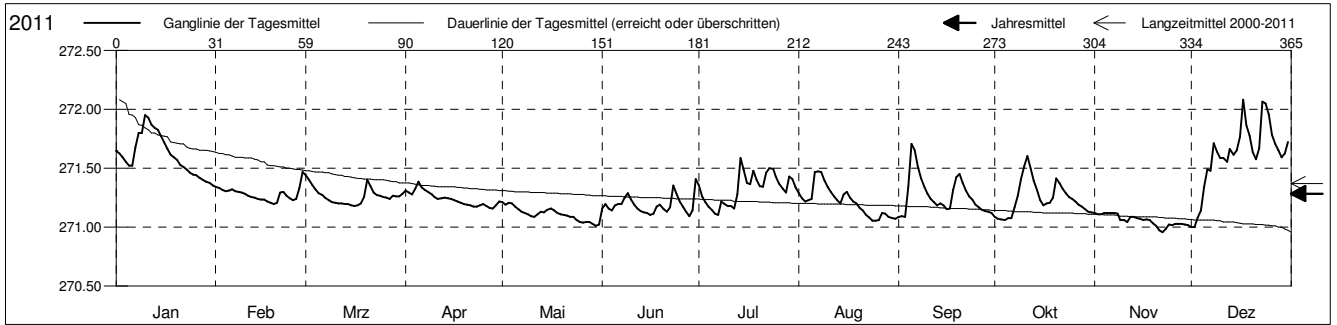


Grundwasserstände

Birstal
 Arlesheim 13.C.10 Widen
 Abstichpunkt: 278.17 m ü.M.
 OK Terrain: 277.67 m ü.M.

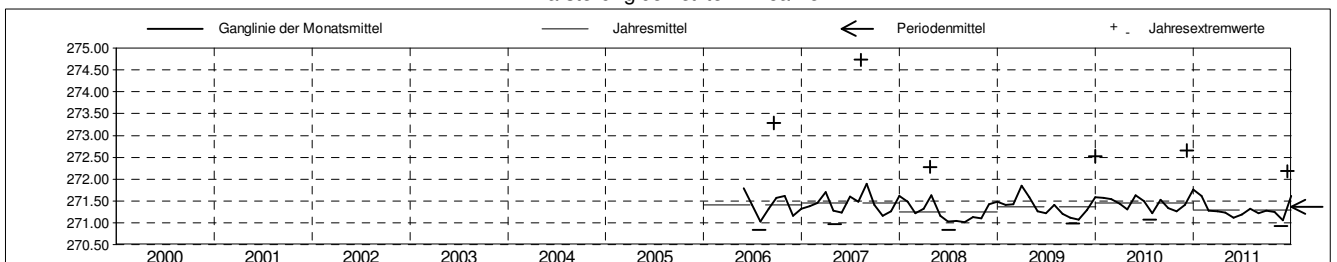
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 612843.00 / 261272.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	271.65	271.34	271.44 +	271.31	271.21 +	271.16	271.36	271.29	271.09 -	271.09	271.12 +	271.00 -	1
2	271.63	271.33	271.40	271.29	271.19	271.19	271.26	271.25	271.09 -	271.07	271.11	271.00 -	2
3	271.59	271.32	271.36	271.28	271.21 +	271.16	271.21	271.22	271.09 -	271.06 -	271.11	271.08	3
4	271.56	271.30	271.32	271.32	271.20	271.14	271.18	271.23	271.35	271.06 -	271.12 +	271.14	4
5	271.52	271.31	271.29	271.39 +	271.18	271.19	271.15	271.24	271.71 +	271.07	271.12 +	271.35	5
Tagesmittel													
6	271.52	271.32	271.27	271.33	271.15	271.20	271.12	271.47 +	271.65	271.08	271.12 +	271.49	6
7	271.68	271.30	271.25	271.31	271.13	271.19	271.10 -	271.47 +	271.51	271.17	271.12 +	271.48	7
8	271.80	271.30	271.23	271.30	271.12	271.25	271.22	271.47 +	271.41	271.26	271.11	271.71	8
9	271.80	271.29	271.21	271.28	271.11	271.29	271.19	271.40	271.34	271.41	271.06	271.64	9
10	271.95 +	271.28	271.21	271.26	271.09	271.23	271.18	271.34	271.29	271.52	271.06	271.59	10
11	271.93	271.27	271.20	271.24	271.09	271.19	271.18	271.30	271.24	271.61 +	271.05	271.59	11
12	271.87	271.26	271.20	271.25	271.11	271.16	271.16	271.26	271.21	271.50	271.09	271.56	12
13	271.84	271.25	271.20	271.25	271.13	271.14	271.28	271.23	271.18	271.39	271.09	271.67	13
14	271.82	271.24	271.19	271.25	271.13	271.12	271.59 +	271.20	271.20	271.32	271.08	271.61	14
Max. +	271.77	271.23	271.19	271.24	271.15	271.12	271.48	271.28	271.18	271.23	271.07	271.66	15
16	271.72	271.24	271.18 -	271.23	271.16	271.10 -	271.38	271.30	271.15	271.18	271.06	271.76	16
17	271.66	271.22	271.19	271.22	271.14	271.11	271.36	271.25	271.16	271.20	271.06	272.08 +	17
18	271.62	271.21	271.20	271.21	271.12	271.18	271.48	271.22	271.31	271.21	271.06	271.86	18
19	271.59	271.19 -	271.26	271.20	271.11	271.19	271.40	271.20	271.43	271.25	271.03	271.78	19
Min. -	271.57	271.21	271.40	271.19	271.10	271.15	271.35	271.16	271.45	271.42	271.01	271.64	20
21	271.53	271.30	271.35	271.18	271.10	271.13	271.34	271.14	271.37	271.38	270.98	271.58	21
22	271.51	271.30	271.29	271.17	271.09	271.17	271.46	271.11	271.31	271.33	270.96 -	271.67	22
23	271.49	271.27	271.27	271.17	271.08	271.36	271.50	271.08	271.26	271.29	270.98	272.07	23
24	271.46	271.24	271.27	271.19	271.06	271.28	271.50	271.06	271.23	271.26	271.02	272.05	24
25	271.45	271.23	271.26	271.20	271.04	271.22	271.43	271.05 -	271.19	271.24	271.02	271.96	25
26	271.44	271.24	271.25	271.18	271.04	271.17	271.37	271.06	271.17	271.22	271.03	271.79	26
27	271.42	271.33	271.24	271.17	271.05	271.13	271.33	271.12	271.14	271.19	271.03	271.70	27
28	271.40	271.47 +	271.27	271.16 -	271.05	271.10 -	271.29	271.11	271.14	271.17	271.03	271.65	28
29	271.39		271.26	271.18	271.03	271.14	271.43	271.09	271.13	271.15	271.02	271.59	29
30	271.37		271.26	271.22	271.01 -	271.41 +	271.41	271.08	271.12	271.13	271.01	271.62	30
31	271.35 -		271.28		271.02		271.34	271.07	271.13	271.13		271.72	31
Monatsmittel	271.61	271.28	271.26	271.24	271.11	271.19	271.32	271.22	271.27	271.24	271.06 -	271.62 +	
Maximum	272.01	271.50	271.46	271.41	271.25	271.47	271.63	271.52	271.80	271.63	271.16 -	272.18 +	
Datum	10.01	28.02	01.03	04.04	03.05	30.06	14.07	06.08	05.09	11.10	08.11	17.12	
Amplitude	0.68	0.34	0.32	0.29	0.29	0.44	0.57	0.51	0.78	0.59	0.24	1.19	
Jahr 2011	Mittel	271.29 m ü.M.		Maximum	272.18 (17.Dez)		Minimum	270.93 (23.Nov)		Amplitude	1.26 m		



Periode	2000 - 2011												
Monatsmittel	271.49	271.38	271.51	271.41	271.36	271.32	271.25	271.36	271.31	271.24 -	271.27	271.56 +	
Maximum	272.49	272.05	272.50	272.28	272.29	272.20	271.95 -	274.73 +	273.29	272.62	272.11	272.65	
Jahr	2010	2010	2007	2008	2006	2007	2009	2007	2006	2006	2010	2010	
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	0.80	1.14	1.10	1.13	0.94	0.74 -	3.60 +	2.29	1.45	0.99	1.42	
Jahr	2010	2010	2007	2008	2010	2007	2009	2007	2006	2006	2010	2010	
Periode	Mittel	271.37 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:

278.17

m ü.M.

OK Terrain:

277.67

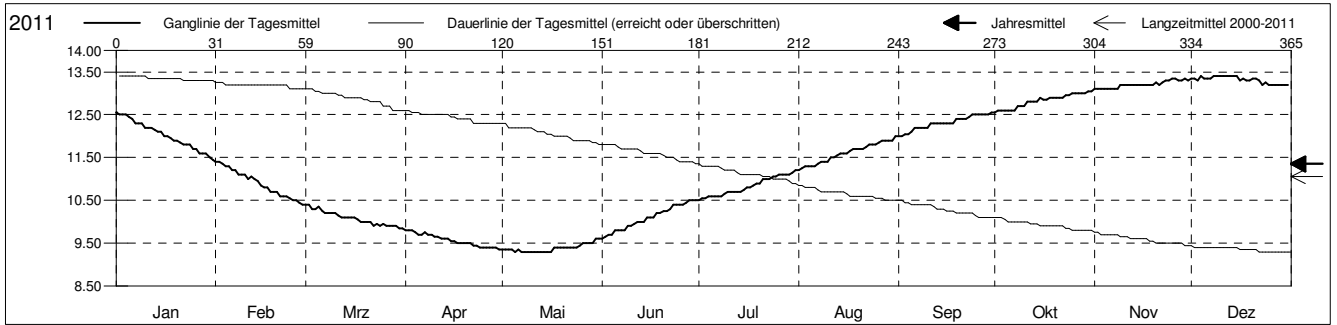
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

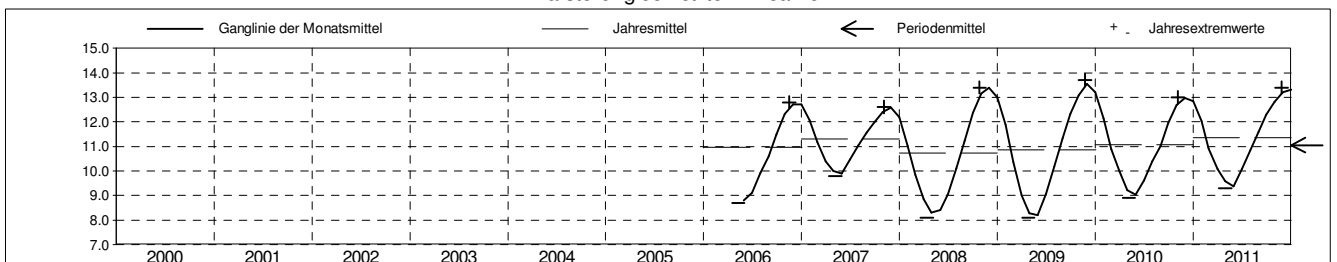
Koordinaten: 612843.00 / 261272.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.6 +	11.4 +	10.4 +	9.8 +	9.4	9.6 -	10.5 -	11.2 -	12.0 -	12.6 -	13.1 -	13.4 +	1
2	12.5	11.4 +	10.4 +	9.8 +	9.4	9.6 -	10.6	11.3	12.0 -	12.6 -	13.1 -	13.4 +	2
3	12.5	11.4 +	10.3	9.8 +	9.4	9.7	10.6	11.3	12.1	12.6 -	13.1 -	13.3	3
4	12.5	11.3	10.3	9.8 +	9.4	9.7	10.6	11.3	12.1	12.6 -	13.1 -	13.4 +	4
5	12.4	11.3	10.4 +	9.7	9.3 -	9.8	10.6	11.3	12.1	12.6 -	13.1 -	13.4 +	5
6	12.4	11.2	10.3	9.7	9.4	9.8	10.6	11.3	12.2	12.6 -	13.1 -	13.4 +	6
7	12.3	11.2	10.2	9.8 +	9.3 -	9.8	10.6	11.4	12.2	12.6 -	13.1 -	13.4 +	7
8	12.3	11.1	10.2	9.7	9.3 -	9.8	10.6	11.4	12.2	12.7	13.1 -	13.4 +	8
9	12.3	11.1	10.2	9.7	9.3 -	9.9	10.6	11.4	12.2	12.7	13.2	13.4 +	9
10	12.2	11.1	10.2	9.6	9.3 -	9.9	10.7	11.4	12.2	12.7	13.2	13.4 +	10
11	12.2	11.0	10.1	9.6	9.3 -	9.9	10.7	11.5	12.3	12.8	13.2	13.4 +	11
12	12.2	11.1	10.1	9.6	9.3 -	10.0	10.7	11.5	12.3	12.8	13.2	13.4 +	12
13	12.1	11.0	10.1	9.6	9.3 -	10.0	10.7	11.6	12.3	12.8	13.2	13.4 +	13
14	12.1	10.9	10.1	9.6	9.3 -	10.0	10.7	11.6	12.3	12.8	13.2	13.4 +	14
15	12.1	10.9	10.1	9.6	9.3 -	10.1	10.8	11.6	12.3	12.9	13.2	13.4 +	15
Max. +													
16	12.0	10.8	10.1	9.6	9.3 -	10.1	10.8	11.6	12.3	12.9	13.2	13.3	16
17	12.0	10.8	10.1	9.5	9.4	10.1	10.8	11.6	12.3	12.9	13.2	13.4 +	17
18	11.9	10.7	10.0	9.5	9.4	10.2	10.9	11.7	12.3	12.9	13.2	13.3	18
19	11.9	10.7	10.0	9.5	9.4	10.2	10.9	11.7	12.4	12.9	13.2	13.3	19
20	11.9	10.7	10.0	9.5	9.4	10.3	10.9	11.7	12.4	12.9	13.3	13.4 +	20
Min. -													
21	11.9	10.6	10.0	9.5	9.4	10.3	11.0	11.7	12.4	12.9	13.2	13.4 +	21
22	11.8	10.6	9.9 -	9.4 -	9.4	10.3	11.0	11.8	12.4	12.9	13.3	13.3	22
23	11.8	10.6	9.9 -	9.4 -	9.4	10.4	11.0	11.8	12.4	12.9	13.3	13.2 -	23
24	11.8	10.6	9.9 -	9.4 -	9.4	10.4	11.1	11.8	12.5	12.9	13.3	13.3	24
25	11.7	10.5	9.9 -	9.4 -	9.4	10.4	11.1	11.8	12.5	13.0	13.4 +	13.2 -	25
26	11.7	10.5	9.9 -	9.4 -	9.5	10.4	11.1	11.9	12.5	13.0	13.4 +	13.2 -	26
27	11.6	10.4 -	9.9 -	9.4 -	9.5	10.4	11.1	11.9	12.5	13.0	13.3	13.2 -	27
28	11.6	10.4 -	9.9 -	9.4 -	9.5	10.5 +	11.1	11.9	12.5	13.0	13.3	13.2 -	28
29	11.6	10.4 -	9.9 -	9.4 -	9.5	10.5 +	11.1	11.9	12.5	13.0	13.4 +	13.2 -	29
30	11.5	10.4 -	9.9 -	9.4 -	9.6 +	10.5 +	11.1	11.9	12.6 +	13.1 +	13.3	13.2 -	30
31	11.4 -	10.4 -	9.9 -	9.4 -	9.6 +	10.5 +	11.2 +	12.0 +	13.1 +	13.1 +	13.2 -	13.2 -	31
Monatsmittel	12.0	10.9	10.1	9.6	9.4 -	10.1	10.8	11.6	12.3	12.8	13.2	13.3 +	
Maximum	12.6	11.4	10.4	9.8	9.6 -	10.5	11.2	12.0	12.6	13.1	13.4 +	13.4 +	
Datum	01.01	01.02	01.03	01.04	30.05	27.06	30.07	31.08	30.09	30.10	25.11	01.12	
Minimum	11.4	10.4	9.8	9.3 -	9.3 -	9.6	10.5	11.2	12.0	12.5	13.1	13.2 +	
Datum	31.01	27.02	30.03	30.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	23.12	
Amplitude	1.2	1.0	0.6	0.5	0.3	0.9	0.7	0.8	0.6	0.6	0.3	0.2	
Jahr 2011	Mittel	11.3 °C		Maximum	13.4 (25.Nov)			Minimum	9.3 (30.Apr)			Amplitude	4.1 °C



Periode	2000 - 2011												
Monatsmittel	11.8	10.6	9.7	9.1	9.0 -	9.6	10.4	11.2	12.1	12.7	13.1 +	12.9	
Maximum	12.6	11.7	10.7	10.1	10.0 -	10.8	11.3	12.0	12.8	13.4	13.7 +	13.6	
Jahr	2011	2007	2007	2007	2007	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	0.5	0.4	1.2	1.1	1.2	1.0	0.7	0.3 -	1.1	
Jahr	2009	2009	2009	2009	2009	2009	2009	2008	2006	2009	2009	2009	
Periode	Mittel	11.1 °C		Maximum	13.7 (23.Nov 2009)			Minimum	8.1 (12.Apr 2008)			Amplitude	5.6 °C

Darstellung der letzten 12 Jahre

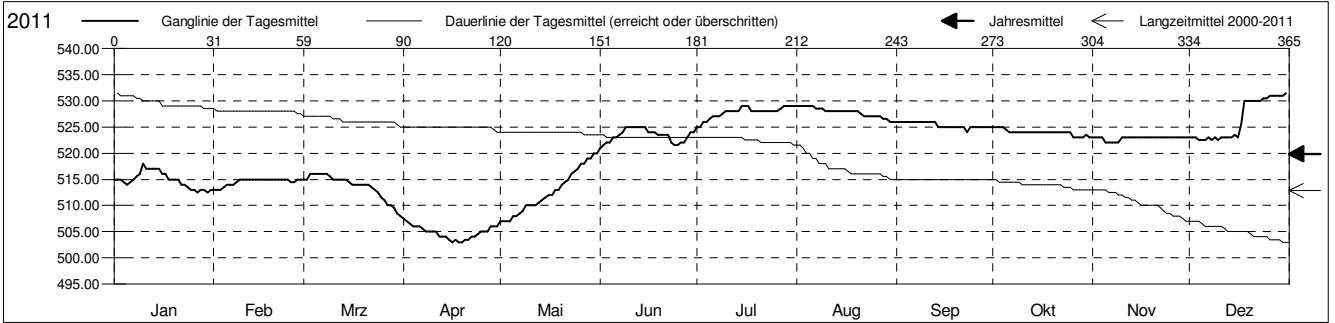


Leitfähigkeit

Birstal
 Arlesheim 13.C.10 Widen
 Abstichpunkt: 278.17 m ü.M.
 OK Terrain: 277.67 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 612843.00 / 261272.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	515	513 -	515	508 +	507 -	521 -	525 -	529 +	526 +	525 +	523 +	523 -	1
2	515	513 -	515	507	507 -	522	525 -	529 +	526 +	525 +	523 +	523 -	2
3	515	513 -	516 +	507	507 -	522	526	529 +	526 +	525 +	523 +	523 -	3
4	515	514	516 +	506	507 -	522	526	529 +	526 +	525 +	523 +	523 -	4
5	514	514	516 +	506	508	523	527	529 +	526 +	525 +	522 -	523 -	5
6	515	514	516 +	506	508	523	527	529 +	526 +	524	522 -	523 -	6
7	515	514	516 +	506	509	524	527	529 +	526 +	524	522 -	523 -	7
8	516	515 +	516 +	505	509	524	527	529 +	526 +	524	522 -	523 -	8
9	516	515 +	516 +	505	510	525 +	528	529 +	526 +	524	522 -	523 -	9
10	518 +	515 +	515	505	510	525 +	528	528	526 +	524	523 +	523 -	10
11	517	515 +	515	505	510	525 +	528	528	526 +	524	523 +	523 -	11
12	517	515 +	515	504	510	525 +	528	528	526 +	524	523 +	523 -	12
13	517	515 +	515	504	511	525 +	528	528	526 +	524	523 +	523 -	13
14	517	515 +	515	504	511	525 +	528	528	525	524	523 +	523 -	14
15	517	515 +	515	504	512	525 +	529 +	528	525	524	523 +	524	15
Max. +	516	515 +	514	503 -	512	524	529 +	528	525	524	523 +	523 -	16
17	516	515 +	514	504	512	524	529 +	528	525	524	523 +	526	17
18	515	515 +	514	503 -	513	524	528	528	525	524	523 +	530	18
19	515	515 +	514	503 -	513	524	528	528	525	524	523 +	530	19
20	515	515 +	514	504	514	524	528	528	525	524	523 +	530	20
Min. -	515	515 +	514	504	515	524	528	528	525	524	523 +	530	21
22	514	515 +	514	504	515	524	528	527	525	524	523 +	530	22
23	514	515 +	513	504	516	522	528	527	524 -	524	523 +	530	23
24	514	515 +	513	505	517	522	528	527	525	524	523 +	531	24
25	513 -	515 +	512	505	517	522	528	527	525	524	523 +	531	25
26	513 -	515 +	511	505	518	522	528	527	525	523 -	523 +	531	26
27	513 -	515 +	510	505	518	522	529 +	527	525	523 -	523 +	531	27
28	513 -	515 +	510	506	519	523	529 +	527	525	523 -	523 +	531	28
29	513 -	515 +	510	506	519	524	529 +	527	525	523 -	523 +	531	29
30	513 -	515 +	509	506	520 +	524	529 +	526 -	525	524	523 +	531	30
31	513 -	515 +	508 -	520 +	520 +	524	529 +	526 -	525	523 -	523 +	532 +	31
Monatsmittel	515	515	514	505 -	513	523	528 +	528 +	525	524	523	526	
Maximum	518	515	516	508 -	520	525	529	529	526	525	523	532 +	
Datum	10.01	08.02	03.03	01.04	30.05	09.06	15.07	01.08	01.09	01.10	01.11	31.12	
Minimum	512	513	508	503 -	507	521	525	526 +	524	523	522	522	
Datum	27.01	01.02	30.03	15.04	01.05	01.06	01.07	28.08	23.09	26.10	05.11	04.12	
Amplitude	6	2	8	5	13	4	4	3	2	2	1	10	
Jahr 2011	Mittel	520	Maximum	532 (31.Dez)	Minimum	503 (15.Apr)	Amplitude	29					



Periode	2000 - 2011												
Monatsmittel	512	514	513	500 -	501	509	515	520 +	518	516	517	517	
Maximum	524	533	532	516 -	523	525	534	540 +	539	537	532	532	
Jahr	2007	2010	2010	2007	2006	2011	2006	2007	2007	2006	2006	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	17	11	20	19	17	13	11	26	11	5 -	8	30 +	
Jahr	2007	2007	2009	2009	2010	2009	2006	2007	2007	2006	2008	2007	
Periode	Mittel	513	Maximum	540 (19.Aug 2007)	Minimum	477 (03.Mai 2008)	Amplitude	63					

Darstellung der letzten 12 Jahre

