

Grundwasserstände



Birstal

Arlesheim

13.C.10

Widen

Abstichpunkt:

278.17

m ü.M.

OK Terrain:

277.67

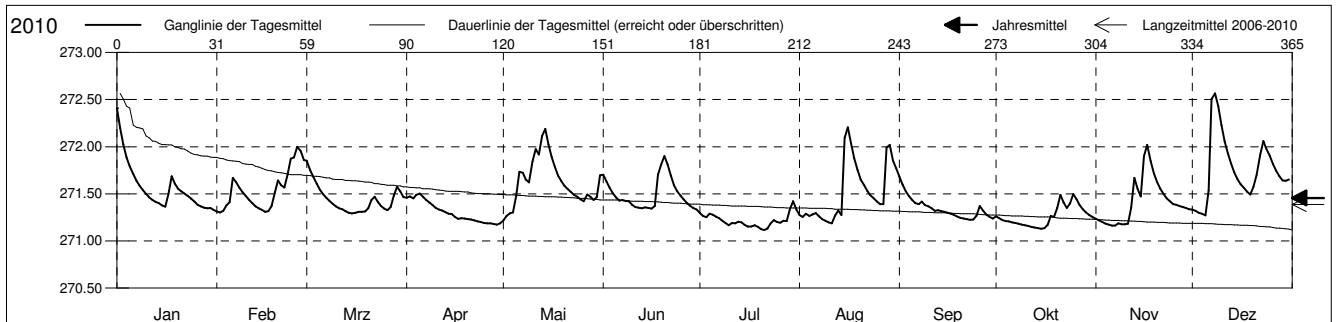
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

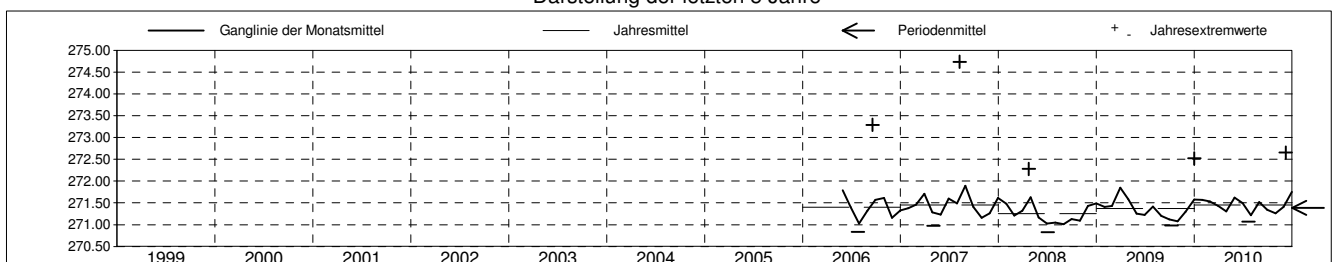
Koordinaten: 612843.00 / 261272.00

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	272.41 +	271.31	271.85 +	271.46	271.22 -	271.70	271.29	271.27	271.68 +	271.26	271.23	271.33	1
2	272.20	271.30 -	271.75	271.47	271.27	271.63	271.27	271.25	271.60	271.24	271.22	271.32	2
3	272.02	271.32	271.67	271.45	271.29	271.56	271.25	271.29	271.53	271.22	271.20	271.30	3
4	271.89	271.38	271.61	271.49	271.30	271.51	271.29	271.26	271.48	271.21	271.18	271.29	4
5	271.79	271.41	271.54	271.50 +	271.47	271.46	271.28	271.28	271.43	271.21	271.17	271.27 -	5
Tagesmittel													
6	271.71	271.67	271.49	271.47	271.73	271.43	271.26	271.29	271.40	271.20	271.16 -	271.54	6
7	271.64	271.63	271.46	271.44	271.72	271.43	271.24	271.26	271.39	271.19	271.16 -	272.50	7
8	271.58	271.57	271.42	271.41	271.65	271.42	271.22	271.23	271.42	271.18	271.19	272.57 +	8
9	271.54	271.52	271.39	271.38	271.62	271.42	271.19	271.21	271.38	271.17	271.17	272.43	9
10	271.50	271.48	271.37	271.35	271.84	271.38	271.17	271.20	271.37	271.17	271.18	272.23	10
11	271.46	271.44	271.35	271.33	271.97	271.36	271.19	271.19 -	271.35	271.16	271.18	272.06	11
12	271.44	271.40	271.34	271.32	271.92	271.35	271.19	271.27	271.32	271.15	271.35	271.93	12
13	271.41	271.37	271.32	271.30	272.11	271.35	271.20	271.32	271.32	271.14	271.67	271.82	13
14	271.40	271.35	271.30	271.29	272.19 +	271.36	271.20	271.28	271.32	271.14	271.55	271.73	14
Max. +	271.38	271.33	271.29 -	271.28	272.02	271.35	271.17	272.10	271.31	271.13 -	271.47	271.66	15
16	271.36	271.31	271.30	271.26	271.89	271.34	271.15	272.21 +	271.30	271.14	271.90	271.60	16
17	271.50	271.31	271.31	271.23	271.78	271.37	271.15	272.03	271.29	271.17	272.02 +	271.56	17
18	271.68	271.37	271.31	271.24	271.69	271.70	271.17	271.88	271.27	271.27	271.84	271.52	18
19	271.61	271.51	271.31	271.24	271.63	271.81	271.15	271.76	271.26	271.25	271.71	271.49	19
Min. -	271.55	271.64	271.35	271.23	271.59	271.90 +	271.13	271.65	271.25	271.35	271.62	271.57	20
21	271.53	271.59	271.43	271.23	271.55	271.81	271.12 -	271.59	271.24	271.49 +	271.55	271.70	21
22	271.50	271.57	271.47	271.22	271.52	271.70	271.13	271.53	271.23	271.41	271.50	271.91	22
23	271.48	271.70	271.41	271.21	271.49	271.59	271.19	271.49	271.22 -	271.35	271.45	272.06	23
24	271.45	271.87	271.37	271.20	271.47	271.53	271.22	271.45	271.23	271.40	271.42	271.98	24
25	271.42	271.89	271.34	271.19	271.44	271.48	271.20	271.42	271.27	271.49 +	271.39	271.90	25
26	271.38	272.00 +	271.33	271.19	271.42	271.44	271.20	271.39	271.37	271.45	271.38	271.81	26
27	271.37	271.95	271.36	271.19	271.49	271.40	271.21	271.39	271.32	271.38	271.37	271.74	27
28	271.35	271.86	271.48	271.18	271.47	271.37	271.21	271.99	271.28	271.34	271.36	271.69	28
29	271.35		271.57	271.17 -	271.43	271.35	271.34	272.02	271.25	271.30	271.35	271.64	29
30	271.35		271.53	271.19	271.47	271.33 -	271.42 +	271.85	271.24	271.27	271.34	271.64	30
31	271.33 -		271.46		271.70		271.34	271.77		271.25		271.65	31
Monatsmittel	271.57	271.54	271.43	271.30	271.62	271.50	271.22 -	271.52	271.34	271.26	271.41	271.76 +	
Maximum	272.49	272.05	271.87	271.54	272.28	271.93	271.46 -	272.40	271.70	271.52	272.11	272.65 +	
Datum	01.01	26.02	01.03	04.04	13.05	20.06	29.07	15.08	01.09	25.10	16.11	07.12	
Amplitude	1.19	0.80	0.62	0.41	1.13	0.64	0.39	1.23	0.52	0.43	0.99	1.42	
Jahr 2010	Mittel	271.46 m ü.M.		Maximum	272.65 (07.Dez)		Minimum	271.07 (22.Jul)		Amplitude	1.58 m		



Periode	2006 - 2010											
Monatsmittel	271.46	271.41	271.58 +	271.45	271.41	271.35	271.24 -	271.39	271.31	271.24 -	271.31	271.55
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	271.00	271.01
Jahr	2007	2008	2008	2007	2008	2008	2008	2008	2008	2008	2009	2006
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	271.39 m ü.M.		Maximum	274.73 (09.Aug 2007)		Minimum	270.83 (03.Jul 2008)		Amplitude	3.90 m	

Darstellung der letzten 5 Jahre



Grundwassertemperatur



Birstal

Arlesheim

13.C.10

Widen

Abstichpunkt:

278.17

m ü.M.

OK Terrain:

277.67

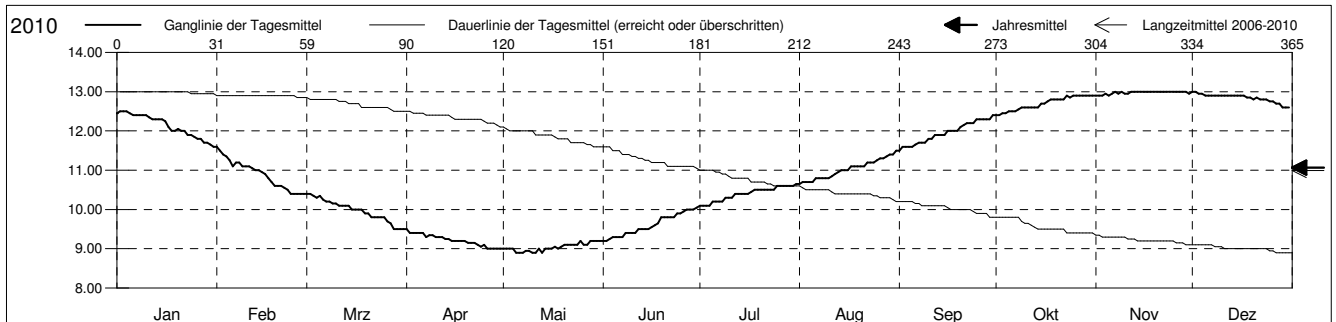
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

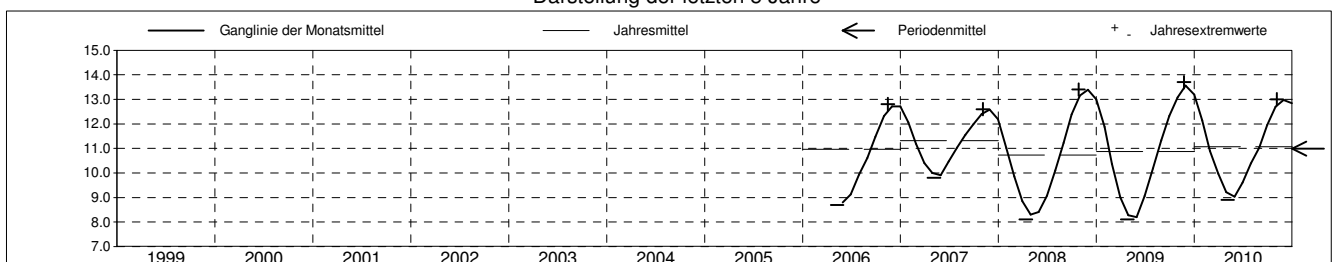
Koordinaten: 612843.00 / 261272.00

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	12.4	11.6 +	10.4 +	9.5 +	9.0	9.2 -	10.1 -	10.6 -	11.5 -	12.4 -	12.9 -	13.0 +	1	
2	12.5 +	11.5	10.4 +	9.4	9.0	9.2 -	10.1 -	10.7	11.6	12.4 -	12.9 -	13.0 +	2	
3	12.5 +	11.4	10.4 +	9.4	9.0	9.3	10.1 -	10.7	11.6	12.4 -	12.9 -	12.9	3	
4	12.5 +	11.4	10.3	9.4	9.0	9.3	10.1 -	10.7	11.6	12.4 -	12.9 -	12.9	4	
5	12.4	11.3	10.4 +	9.4	8.9 -	9.3	10.2	10.7	11.6	12.5	12.9 -	12.9	5	
Tagesmittel	6	12.4	11.1	10.3	9.4	8.9 -	9.3	10.2	10.8	11.6	12.5	12.9 -	12.9	6
7	12.4	11.2	10.2	9.3	8.9 -	9.3	10.2	10.8	11.7	12.5	13.0 +	12.9	7	
8	12.4	11.2	10.2	9.4	8.9 -	9.4	10.2	10.8	11.7	12.6	12.9 -	12.9	8	
9	12.4	11.1	10.1	9.4	8.9 -	9.4	10.3	10.8	11.7	12.6	13.0 +	12.9	9	
10	12.4	11.1	10.1	9.3	8.9 -	9.4	10.3	10.8	11.8	12.6	12.9 -	12.9	10	
11	12.4	11.1	10.1	9.3	8.9 -	9.4	10.3	10.9	11.8	12.6	12.9 -	12.9	11	
12	12.3	11.1	10.1	9.3	9.0	9.5	10.4	10.9	11.9	12.6	13.0 +	12.9	12	
13	12.3	11.0	10.1	9.3	8.9 -	9.5	10.4	10.9	11.9	12.6	13.0 +	12.9	13	
14	12.3	11.0	10.1	9.3	9.0	9.5	10.4	11.0	11.9	12.6	13.0 +	12.9	14	
Max. +	15	12.3	10.9	10.0	9.2	9.0	9.5	10.4	11.0	11.9	12.7	13.0 +	12.9	15
16	12.3	10.9	10.0	9.2	9.0	9.6	10.4	11.0	12.0	12.7	13.0 +	12.9	16	
17	12.1	10.8	10.0	9.2	9.1	9.6	10.4	11.1	12.0	12.8	13.0 +	12.9	17	
18	12.0	10.7	10.0	9.2	9.0	9.6	10.5	11.1	12.0	12.8	13.0 +	12.9	18	
19	12.0	10.6	9.9	9.2	9.1	9.8	10.5	11.1	12.0	12.8	13.0 +	12.9	19	
Min. -	20	12.1	10.6	9.9	9.1	9.1	9.8	10.5	11.1	12.1	12.8	13.0 +	12.8	20
21	12.0	10.6	9.8	9.1	9.1	9.8	10.5	11.1	12.1	12.8	13.0 +	12.9	21	
22	12.0	10.6	9.8	9.1	9.1	9.8	10.5	11.2	12.2	12.8	13.0 +	12.8	22	
23	11.9	10.5	9.8	9.1	9.1	9.8	10.5	11.2	12.2	12.9 +	13.0 +	12.8	23	
24	11.9	10.4 -	9.8	9.1	9.1	9.9	10.5	11.2	12.2	12.9 +	13.0 +	12.8	24	
25	11.9	10.4 -	9.8	9.1	9.2 +	9.9	10.6 +	11.3	12.3	12.9 +	13.0 +	12.8	25	
26	11.8	10.4 -	9.7	9.0 -	9.1	9.9	10.6 +	11.3	12.3	12.9 +	13.0 +	12.8	26	
27	11.8	10.4 -	9.6	9.0 -	9.1	10.0	10.6 +	11.3	12.3	12.9 +	13.0 +	12.7	27	
28	11.7	10.4 -	9.5 -	9.0 -	9.2 +	10.0	10.6 +	11.4	12.3	12.9 +	13.0 +	12.7	28	
29	11.7		9.5 -	9.0 -	9.2 +	10.0	10.6 +	11.4	12.3	12.9 +	13.0 +	12.6 -	29	
30	11.6 -		9.5 -	9.0 -	9.2 +	10.1 +	10.6 +	11.4	12.4 +	12.9 +	12.9 -	12.6 -	30	
31	11.6 -		9.5 -		9.2 +		10.6 +	11.5 +		12.9 +		12.6 -	31	
Monatsmittel	12.1	10.9	10.0	9.2	9.0 -	9.6	10.4	11.0	12.0	12.7	13.0 +	12.8		
Maximum	12.5	11.6	10.4	9.5	9.2 -	10.1	10.7	11.5	12.4	12.9	13.0 +	13.0 +		
Datum	01.01	01.02	01.03	01.04	25.05	30.06	31.07	31.08	30.09	23.10	04.11	01.12		
Minimum	11.6	10.4	9.5	9.0	8.9 -	9.2	10.1	10.6	11.5	12.4	12.9 +	12.6		
Datum	30.01	24.02	28.03	24.04	05.05	01.06	01.07	01.08	01.09	01.10	01.11	29.12		
Amplitude	0.9	1.2	0.9	0.5	0.3	0.9	0.6	0.9	0.9	0.5	0.1	0.4		
Jahr 2010	Mittel	11.1 °C		Maximum	13.0 (04.Nov)		Minimum	8.9 (05.Mai)		Amplitude		4.1 °C		



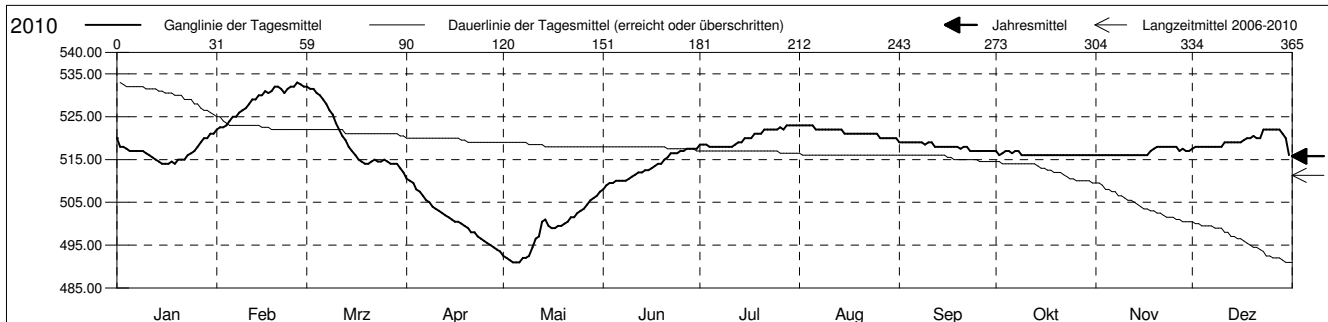
Periode													2006 - 2010												
Monatsmittel	11.8	10.6	9.6	8.9 -	8.9 -	9.5	10.3	11.1	12.0	12.7	13.0 +	12.8													
Maximum	12.5	11.7	10.7	10.1	10.0 -	10.8	11.3	11.9	12.8	13.4	13.7 +	13.6													
Jahr	2007	2007	2007	2007	2007	2007	2007	2009	2008	2008	2009	2009													
Minimum	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	11.0 °C			Maximum	13.7 (23.Nov 2009)			Minimum	8.1 (12.Apr 2008)			Amplitude	5.6 °C											

Darstellung der letzten 5 Jahre



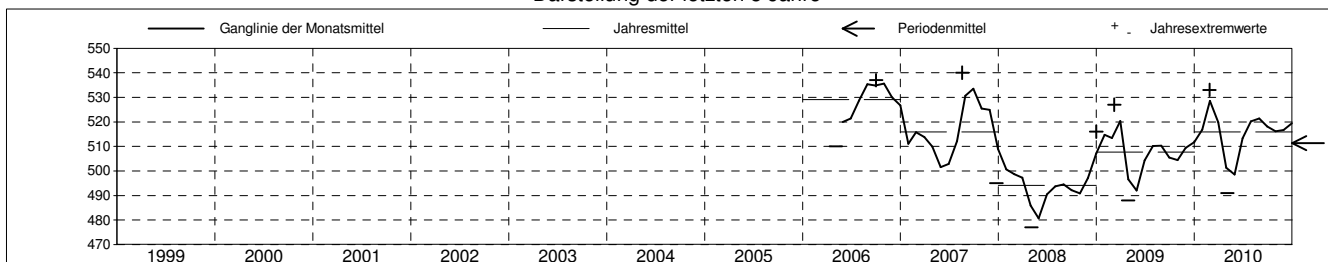


2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	520	522 -	532 +	511 +	493	508 -	519	523 +	519 +	517 +	516 -	518	1
2	518	523	532 +	510	492	509	519	523 +	519 +	516 -	516 -	518	2
3	518	523	532 +	510	492	510	519	523 +	519 +	517 +	516 -	518	3
4	518	523	531	508	491 -	510	518 -	523 +	519 +	517 +	516 -	518	4
5	517	524	530	508	491 -	510	518 -	523 +	519 +	517 +	516 -	518	5
Tagesmittel	517	525	529	507	491 -	510	518 -	522	519 +	517 +	516 -	518	6
6	517	525	528	506	492	510	518 -	522	519 +	517 +	516 -	518	7
7	517	526	527	505	492	510	518 -	522	519 +	517 +	516 -	518	8
8	517	527	526	504	493	511	518 -	522	519 +	516 -	516 -	518	9
9	517	527	524	504	495	511	518 -	522	519 +	516 -	516 -	518	10
10	516	528	522	503	497	512	518 -	522	519 +	516 -	516 -	519	11
11	516	529	521	503	497	512	519	522	518	516 -	516 -	519	12
12	515	529	520	502	501	512	519	522	518	516 -	516 -	519	13
13	515	530	518	502	501	513	519	522	518	516 -	516 -	519	14
14	514 -	530	517	501	500	513	520	521	518	516 -	516 -	519	15
Max. +	514 -	531	516	501	499	513	520	521	518	516 -	516 -	519	16
16	514 -	531	515	501	499	514	520	521	518	516 -	516 -	520	17
17	515	531	515	500	500	514	521	521	518	516 -	517	520	18
18	514 -	532	514	500	500	514	521	521	518	516 -	518 +	520	19
19	515	532	514	499	500	515	521	521	518	516 -	518 +	521	20
Min. -	515	532	515	498	501	516	522	521	518	516 -	518 +	520	21
21	515	531	515	498	502	517	522	521	518	516 -	518 +	520	22
22	516	532	515	497	502	517	522	521	517 -	516 -	518 +	522 +	23
23	517	532	515	497	503	517	522	521	517 -	516 -	518 +	522 +	24
24	517	532	515	496	503	517	522	521	517 -	516 -	518 +	522 +	25
25	518	533 +	515	496	504	517	523 +	520 -	517 -	516 -	518 +	522 +	26
26	519	533 +	514	495	505	518 +	522	520 -	517 -	516 -	517	522 +	27
27	520	532	514	495	506	518 +	523 +	520 -	517 -	516 -	518 +	522 +	28
28	520		514	494 -	506	518 +	523 +	520 -	517 -	516 -	517	521	29
29	521 +		513	494 -	507	518 +	523 +	520 -	517 -	516 -	517	520	30
30	521 +		512 -		508 +		523 +	520 -		516 -		516 -	31
31													
Monatsmittel	517	529 +	520	501	499 -	513	520	521	518	516	517	519	
Maximum	521	533 +	532	511	508 -	518	523	523	519	517	518	522	
Datum	30.01	26.02	01.03	01.04	31.05	27.06	26.07	01.08	01.09	01.10	19.11	23.12	
Minimum	514	522 +	512	493	491 -	508	518	520	517	516	516	516	
Datum	14.01	01.02	30.03	30.04	03.05	01.06	01.07	26.08	20.09	02.10	01.11	31.12	
Amplitude	7	11	20	18	17	10	5	3	2	1	2	6	
Jahr 2010	Mittel	516		Maximum	533 (26.Feb)		Minimum	491 (03.Mai)		Amplitude	42		



Periode	2006 - 2010											
Monatsmittel	511	514	513	498 -	499	506	513	518 +	517	514	516	515
Maximum	524	533	532	516 -	523	523	534	540 +	539	537	532	529
Jahr	2007	2010	2010	2007	2006	2006	2006	2007	2007	2006	2006	2006
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	511		Maximum	540 (19.Aug 2007)		Minimum	477 (03.Mai 2008)		Amplitude	63	

Darstellung der letzten 5 Jahre



Grundwasserspiegel im Birstal

Station 13.C.10 Arlesheim

OPK 201475

OK. Abstich

278.17 m ü.M.

OK. Terrain

277.67 m ü.M.

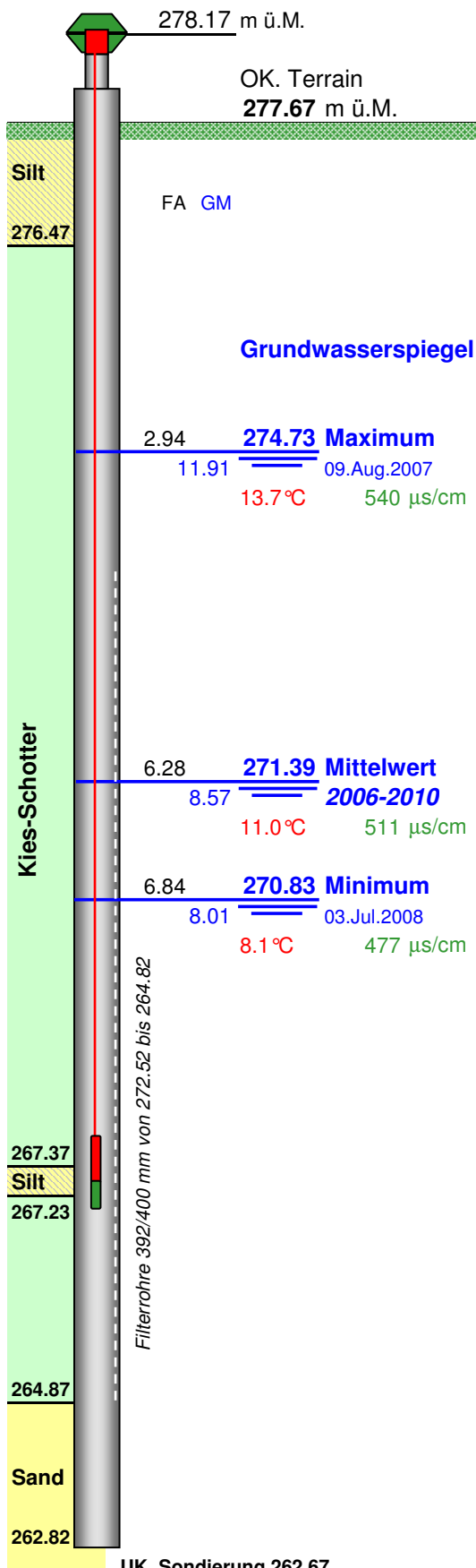
Widen

Koordinaten: 612'843 / 261'272

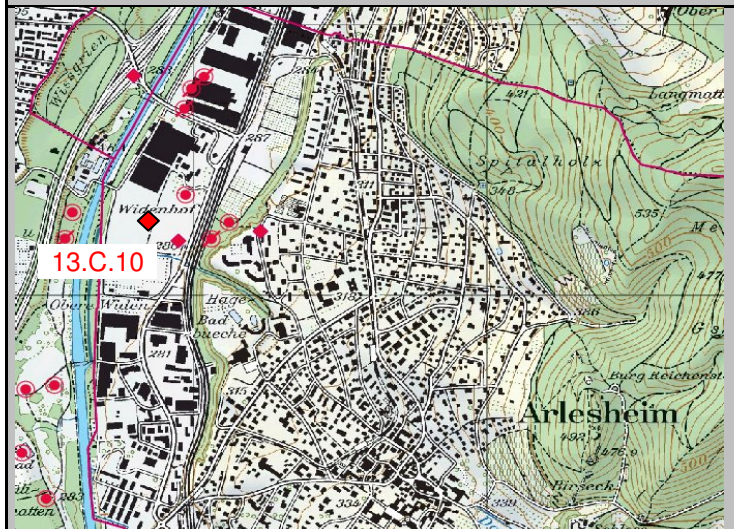
Messwerte: Grundwasserspiegel

Temperatur

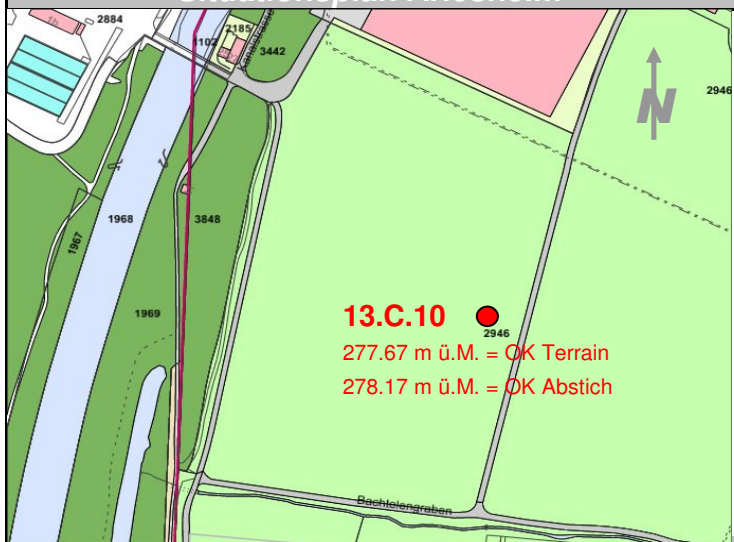
Leitfähigkeit



Kartenausschnitt Arlesheim



Situationsplan Arlesheim



UK. Sondierung 262.67

FA= Flurabstände

GM= Grundwassermächtigkeit in m