

Grundwasserstände



Birstal

Arlesheim

13.C.10

Widen

Abstichpunkt:

278.17

m ü.M.

OK Terrain:

277.67

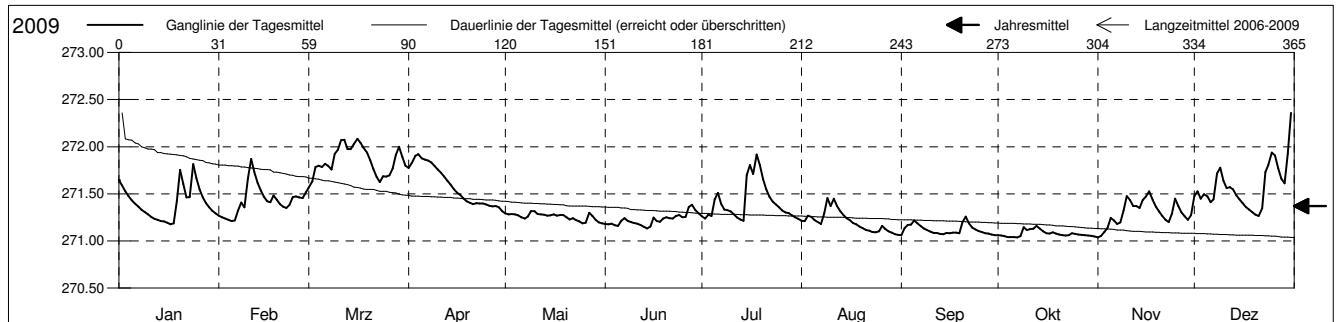
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

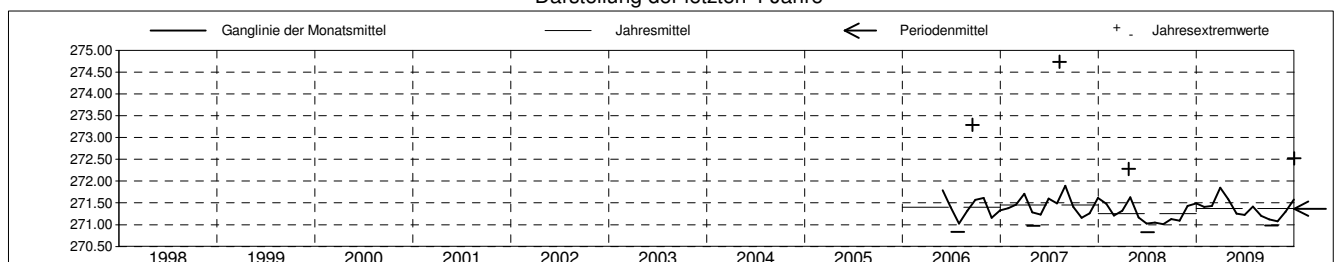
Koordinaten: 612843.00 / 261272.00

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	271.65	271.27	271.57 -	271.77	271.29	271.18	271.26	271.21	271.06 -	271.06	271.04 -	271.48	1
2	271.59	271.25	271.63	271.83	271.28	271.18	271.24	271.21	271.14	271.06	271.06	271.53	2
3	271.53	271.24	271.79	271.90	271.28	271.18	271.28	271.27	271.17	271.05	271.09	271.45	3
4	271.48	271.22	271.80	271.92 +	271.28	271.17	271.26	271.25	271.17	271.04 -	271.14	271.49	4
5	271.43	271.21 -	271.79	271.88	271.27	271.16	271.44	271.22	271.22	271.04 -	271.24	271.47	5
Tagesmittel													
6	271.39	271.22	271.82	271.86	271.25	271.21	271.51	271.20	271.19	271.04 -	271.22	271.41	6
7	271.36	271.32	271.79	271.85	271.24	271.24	271.39	271.18	271.16	271.04 -	271.18	271.44	7
8	271.33	271.41	271.76	271.83	271.26	271.21	271.33	271.29	271.13	271.05	271.20	271.72	8
9	271.30	271.36	271.92	271.79	271.31	271.20	271.33	271.46 +	271.11	271.14	271.32	271.78	9
10	271.28	271.67	271.97	271.76	271.32 +	271.19	271.31	271.37	271.10	271.11	271.47	271.64	10
11	271.26	271.87 +	272.07	271.72	271.29	271.18	271.28	271.45	271.09	271.12	271.43	271.56	11
12	271.23	271.73	272.07	271.68	271.28	271.17	271.25	271.37	271.08	271.13	271.37	271.57	12
13	271.22	271.62	271.97	271.64	271.28	271.15	271.23	271.31	271.07	271.16 +	271.37	271.55	13
14	271.21	271.54	271.98	271.60	271.27	271.13 -	271.21 -	271.27	271.07	271.13	271.35	271.49	14
15	271.21	271.47	272.03	271.55	271.27	271.15	271.70	271.24	271.09	271.10	271.44	271.44	15
Max. +													
16	271.19	271.42	272.08 +	271.51	271.28	271.25	271.80	271.22	271.08	271.08	271.47	271.40	16
17	271.18 -	271.41	272.04	271.49	271.27	271.21	271.71	271.19	271.09	271.08	271.53 +	271.36	17
18	271.19	271.48	271.99	271.45	271.27	271.20	271.92 +	271.18	271.09	271.09	271.44	271.33	18
19	271.42	271.44	271.94	271.42	271.27	271.24	271.81	271.15	271.08	271.08	271.36	271.31	19
20	271.75	271.39	271.85	271.40	271.25	271.25	271.66	271.13	271.20	271.07	271.31	271.28	20
Min. -													
21	271.60	271.36	271.76	271.39	271.23	271.24	271.55	271.11	271.26 +	271.06	271.27	271.27 -	21
22	271.46	271.35	271.68	271.40	271.24	271.24	271.47	271.11	271.19	271.06	271.23	271.35	22
23	271.47	271.38	271.62	271.40	271.22	271.27	271.42	271.10	271.14	271.06	271.20	271.73	23
24	271.81 +	271.46	271.69	271.40	271.21	271.27	271.39	271.09	271.12	271.08	271.29	271.81	24
25	271.67	271.47	271.68	271.39	271.19 -	271.25	271.35	271.10	271.11	271.07	271.45	271.94	25
26	271.55	271.46	271.70	271.37	271.19 -	271.25	271.32	271.16	271.10	271.07	271.37	271.91	26
27	271.46	271.45	271.77	271.37	271.30	271.36	271.30	271.13	271.08	271.06	271.30	271.77	27
28	271.40	271.52	271.91	271.37	271.26	271.38 +	271.29	271.10	271.08	271.06	271.26	271.66	28
29	271.35		272.00	271.36	271.22	271.33	271.27	271.09	271.07	271.06	271.23	271.61	29
30	271.32		271.89	271.32 -	271.20	271.29	271.25	271.07	271.06 -	271.05	271.27	271.93	30
31	271.29		271.80		271.19 -		271.23	271.06 -		271.05		272.36 +	31
Monatsmittel	271.41	271.43	271.85 +	271.59	271.26	271.22	271.41	271.20	271.12	271.08 -	271.30	271.58	
Maximum	271.85	271.93	272.14	271.93	271.34	271.40	271.95	271.50	271.32	271.18 -	271.56	272.52 +	
Datum	24.01	10.02	11.03	04.04	08.05	28.06	18.07	09.08	20.09	13.10	16.11	31.12	
Amplitude	0.72	0.77	0.60	0.63	0.18	0.29	0.74	0.48	0.30	0.20	0.57	1.31	
Jahr 2009	Mittel	271.37 m ü.M.		Maximum	272.52 (31.Dez)		Minimum	270.99 (08.Okt)		Amplitude		1.54 m	



2006 - 2009												
Monatsmittel	271.42	271.37	271.62 +	271.50	271.36	271.31	271.24 -	271.36	271.31	271.24 -	271.29	271.50
Maximum	272.01	271.93 -	272.50	272.28	272.29	272.20	271.95	274.73 +	273.29	272.62	271.98	272.52
Jahr	2008	2009	2007	2008	2006	2007	2009	2007	2006	2006	2008	2009
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	0.86	0.77	1.14	1.10	0.86	0.94	0.74 -	3.60 +	2.29	1.45	0.81	1.31
Jahr	2008	2009	2007	2008	2007	2007	2009	2007	2006	2006	2008	2009
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 4 Jahre



Grundwassertemperatur



Birstal

Arlesheim

13.C.10

Widen

Abstichpunkt:

278.17

m ü.M.

OK Terrain:

277.67

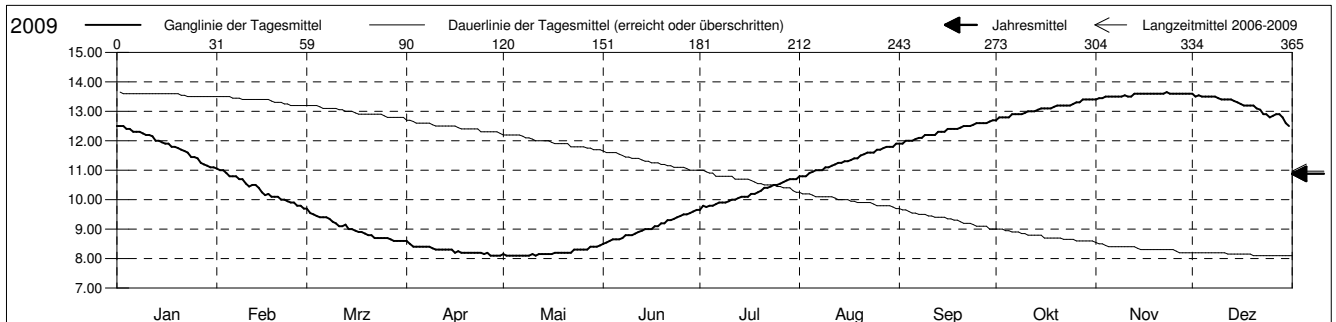
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

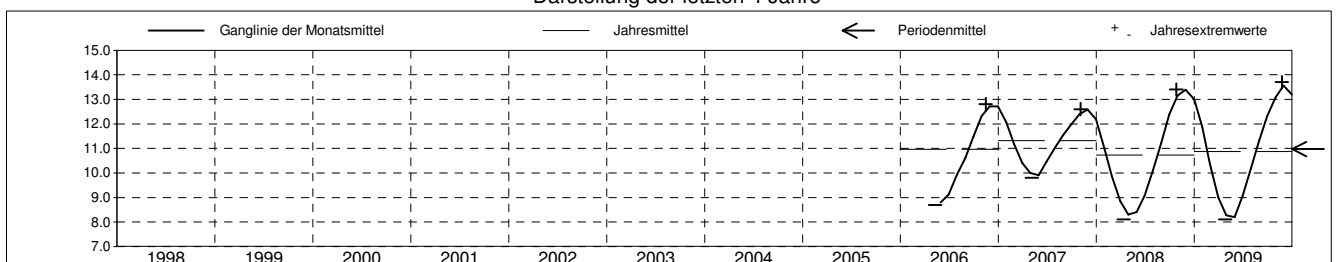
Koordinaten: 612843.00 / 261272.00

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.5 +	11.1 +	9.7 +	8.6 +	8.1 -	8.5 -	9.6 -	10.8 -	11.9 -	12.7 -	13.4 -	13.6 +	1
2	12.5 +	11.0	9.6	8.5	8.1 -	8.6	9.8	10.8 -	11.9 -	12.8	13.4 -	13.5	2
3	12.5 +	11.0	9.5	8.4	8.1 -	8.6	9.8	10.8 -	12.0	12.8	13.4 -	13.6 +	3
4	12.4	10.9	9.4	8.4	8.1 -	8.6	9.8	10.9	12.0	12.8	13.5	13.5	4
5	12.4	10.8	9.4	8.4	8.1 -	8.6	9.8	10.9	12.0	12.8	13.5	13.5	5
Tagesmittel													
6	12.3	10.8	9.4	8.4	8.1 -	8.6	9.9	11.0	12.1	12.9	13.5	13.5	6
7	12.3	10.8	9.4	8.4	8.1 -	8.7	9.9	11.0	12.1	12.9	13.5	13.5	7
8	12.3	10.7	9.4	8.4	8.1 -	8.8	9.9	11.0	12.1	12.9	13.5	13.5	8
9	12.3	10.7	9.3	8.4	8.1 -	8.8	9.9	11.1	12.2	12.9	13.5	13.4	9
10	12.2	10.6	9.2	8.3	8.1 -	8.8	9.9	11.1	12.2	12.9	13.6 +	13.4	10
11	12.2	10.4	9.1	8.3	8.1 -	8.9	10.0	11.1	12.2	13.0	13.5	13.4	11
12	12.1	10.5	9.1	8.3	8.1 -	8.9	10.0	11.2	12.2	13.0	13.5	13.4	12
13	12.0	10.5	9.1	8.3	8.1 -	8.9	10.1	11.3	12.3	13.0	13.6 +	13.4	13
14	12.0	10.4	9.0	8.3	8.1 -	9.0	10.1	11.3	12.3	13.1	13.6 +	13.4	14
15	11.9	10.3	9.0	8.3	8.1 -	9.0	10.1	11.3	12.3	13.1	13.6 +	13.3	15
Max. +													
16	11.9	10.1	8.9	8.2	8.1 -	9.0	10.1	11.3	12.4	13.1	13.6 +	13.3	16
17	11.9	10.2	8.9	8.3	8.2	9.1	10.2	11.4	12.4	13.1	13.6 +	13.2	17
18	11.8	10.1	8.9	8.2	8.2	9.1	10.2	11.4	12.4	13.1	13.6 +	13.2	18
19	11.8	10.1	8.9	8.2	8.2	9.2	10.3	11.4	12.4	13.1	13.6 +	13.2	19
20	11.8	10.1	8.8	8.2	8.2	9.2	10.3	11.5	12.4	13.2	13.6 +	13.2	20
Min. -													
21	11.7	10.0	8.8	8.2	8.2	9.3	10.4	11.6	12.5	13.2	13.6 +	13.1	21
22	11.6	10.0	8.7	8.2	8.2	9.3	10.4	11.6	12.5	13.2	13.6 +	13.1	22
23	11.6	9.9	8.7	8.2	8.3	9.4	10.4	11.6	12.5	13.2	13.6 +	12.9	23
24	11.4	9.9	8.7	8.2	8.3	9.4	10.5	11.6	12.6	13.2	13.6 +	12.9	24
25	11.4	9.9	8.7	8.1 -	8.3	9.4	10.5	11.7	12.6	13.3	13.6 +	12.8	25
26	11.4	9.8	8.7	8.2	8.3	9.5	10.6	11.7	12.6	13.3	13.6 +	12.9	26
27	11.3	9.8	8.6 -	8.1 -	8.3	9.5	10.6	11.8	12.6	13.3	13.6 +	12.9	27
28	11.2	9.7 -	8.6 -	8.1 -	8.4 +	9.6 +	10.6	11.8	12.6	13.4 +	13.6 +	12.9	28
29	11.1 -		8.6 -	8.1 -	8.4 +	9.6 +	10.7 +	11.8	12.6	13.4 +	13.6 +	12.8	29
30	11.1 -		8.6 -	8.1 -	8.4 +	9.6 +	10.7 +	11.8	12.7 +	13.4 +	13.6 +	12.6	30
31	11.1 -		8.6 -		8.4 +		10.7 +	11.9 +		13.4 +		12.5 -	31
Monatsmittel	11.9	10.4	9.0	8.3	8.2 -	9.1	10.2	11.3	12.3	13.1	13.6 +	13.2	
Maximum	12.5	11.1	9.7	8.6	8.5 -	9.7	10.7	11.9	12.7	13.4	13.7 +	13.6	
Datum	01.01	01.02	01.03	01.04	31.05	30.06	28.07	31.08	29.09	28.10	23.11	01.12	
Minimum	11.1	9.7	8.6	8.1 -	8.1 -	8.5	9.6	10.8	11.9	12.7	13.4 +	12.5	
Datum	29.01	28.02	27.03	25.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	31.12	
Amplitude	1.4	1.4	1.1	0.5	0.4	1.2	1.1	1.1	0.8	0.7	0.3	1.1	
Jahr 2009	Mittel	10.9 °C		Maximum	13.7 (23.Nov)		Minimum	8.1 (25.Apr)		Amplitude		5.6 °C	



2006 - 2009												
Monatsmittel	11.6	10.5	9.4	8.9	8.8 -	9.4	10.3	11.2	12.0	12.7	13.1 +	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 4 Jahre



Leitfähigkeit



Birstal

Arlesheim

Abstichpunkt:

OK Terrain:

13.C.10

278.17

277.67

Widen

m ü.M.

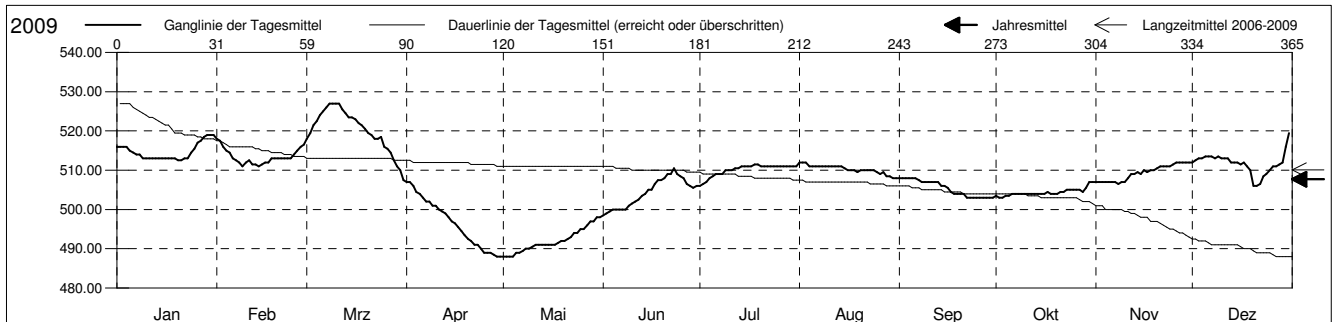
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

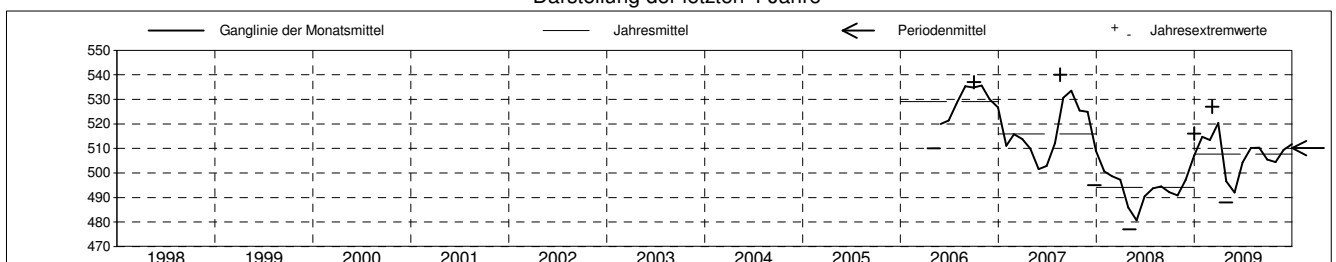
Koordinaten: 612843.00 / 261272.00

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	516	518 +	518	507 +	488 -	499 -	506 -	512 +	508 +	504	507 -	512	1
2	516	518 +	520	507 +	488 -	499 -	507	512 +	508 +	503 -	507 -	513	2
3	516	516	522	506	488 -	500	507	512 +	508 +	503 -	507 -	513	3
4	516	515	523	505	488 -	500	508	511	508 +	504	507 -	513	4
5	515	515	524	504	489	500	509	511	508 +	504	507 -	514	5
Tagesmittel	515	513	525	503	489	500	509	511	508 +	504	507 -	514	6
6	514	513	526	502	490	500	509	511	508 +	504	507 -	514	7
7	514	512	527 +	502	490	500	509	511	507	504	507 -	513	8
8	513 -	511 -	527 +	501	490	501	510	511	507	504	507 -	514	9
9	513 -	512	527 +	501	491	502	510	511	507	504	507 -	513	10
10	513 -	513	527 +	500	491	502	510	511	507	504	508	513	11
11	513 -	512	526	500	491	503	511	511	507	504	509	513	12
12	513 -	512	525	499	491	504	511	511	507	504	509	512	13
13	513 -	511 -	524	498	491	504	511	511	506	504	510	512	14
14	513 -	512	524	497	491	505	511	511	506	504	509	512	15
Max. +	513 -	512	523	497	491	505	511	510	506	504	510	512	16
16	513 -	512	522	496	491	507	511	510	505	505	510	512	17
17	513 -	513	522	495	492	508	512 +	510	504	504	510	511	18
18	513 -	513	521	494	492	508	512 +	510	504	504	510	510	19
19	513 -	513	520	493	492	508	511	510	504	504	511	506 -	20
Min. -	513 -	513	519	492	493	509	511	510	504	505	511	506 -	21
21	513 -	513	518	491	493	509	511	510	503 -	505	511	507	22
22	513 -	513	518	491	494	511 +	511	510	503 -	505	511	509	23
23	515	513	519	490	494	509	511	510	503 -	505	511	509	24
24	516	514	516	489	495	509	511	510	503 -	505	512 +	510	25
25	517	515	516	489	495	508	511	509	503 -	505	512 +	511	26
26	518	516	515	489	496	507	511	510	503 -	505	512 +	511	27
27	519 +	517	513	489	497	506	511	509	503 -	505	512 +	512	28
28	519 +		511	488 -	497	506	511	509	503 -	506	512 +	512	29
29	519 +		510	488 -	498 +	506	511	508 -	503 -	507 +	512 +	516	30
30	519 +		508 -		498 +		511	508 -		507 +		520 +	31
31	519 +												
Monatsmittel	515	513	520 +	497	492 -	504	510	510	505	504	509	512	
Maximum	519	518	527 +	507	498 -	511	512	512	508	507	512	520	
Datum	28.01	01.02	08.03	01.04	30.05	23.06	18.07	01.08	01.09	30.10	25.11	31.12	
Minimum	512 +	511	507	488 -	488 -	498	506	508	503	503	506	506	
Datum	20.01	09.02	31.03	28.04	01.05	01.06	01.07	28.08	22.09	01.10	08.11	20.12	
Amplitude	7	7	20	19	10	13	6	4	5	4	6	14	
Jahr 2009	Mittel	508	Maximum	527 (08.Mrz)	Minimum	488 (28.Apr)	Amplitude	39					



Periode	2006 - 2009											
Monatsmittel	509	509	510	497 -	499	505	511	518 +	516	514	515	514
Maximum	524	519	527	516 -	523	523	534	540 +	539	537	532	529
Jahr	2007	2007	2009	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	13	13	11	26	11	5 -	8	30 +
Jahr	2007	2007	2009	2009	2006	2009	2006	2007	2007	2006	2008	2007
Periode	Mittel	510	Maximum	540 (19.Aug 2007)	Minimum	477 (03.Mai 2008)	Amplitude	63				

Darstellung der letzten 4 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.

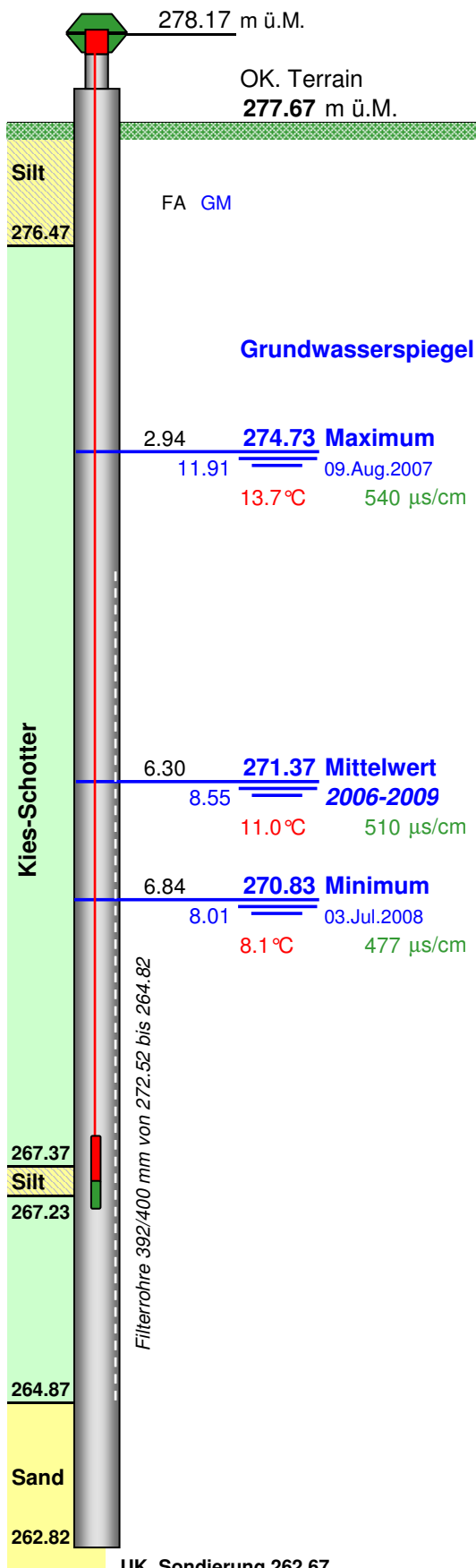
Widen

Koordinaten: 612'843 / 261'272

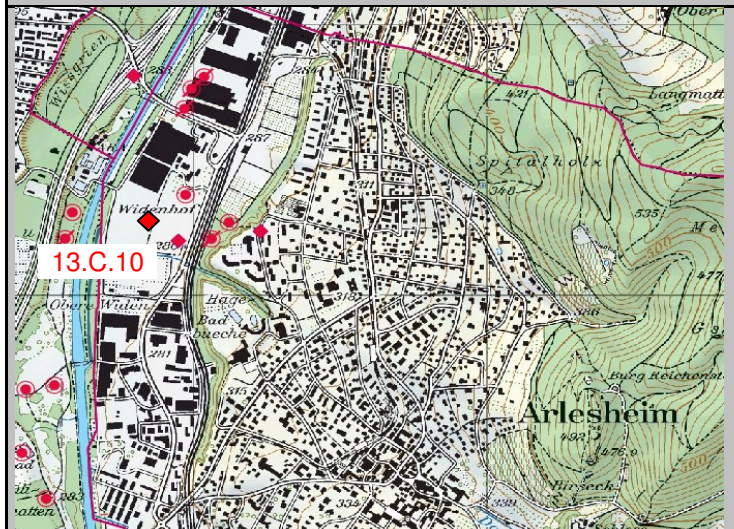
Messwerte: Grundwasserspiegel

Temperatur

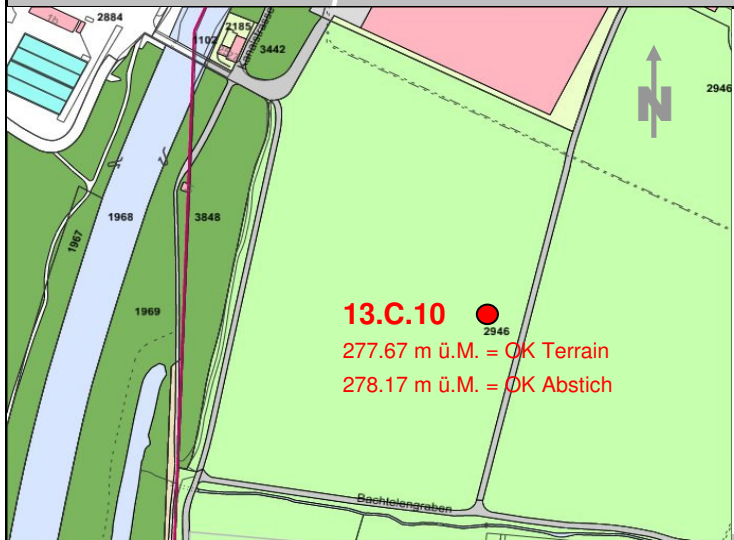
Leitfähigkeit



Kartenausschnitt Arlesheim



Situationsplan Arlesheim



UK. Sondierung 262.67

FA= Flurabstände

GM= Grundwassermächtigkeit in m

