

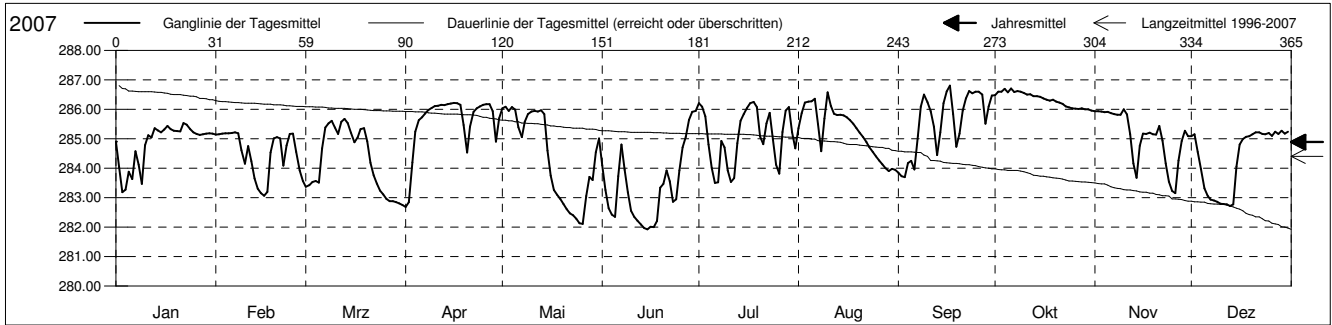
Grundwasserstände



Birstal
 Aesch 11.J.15 Vers.-Anlage
 Abstichpunkt: 294.07 m ü.M.
 OK Terrain: 293.01 m ü.M.

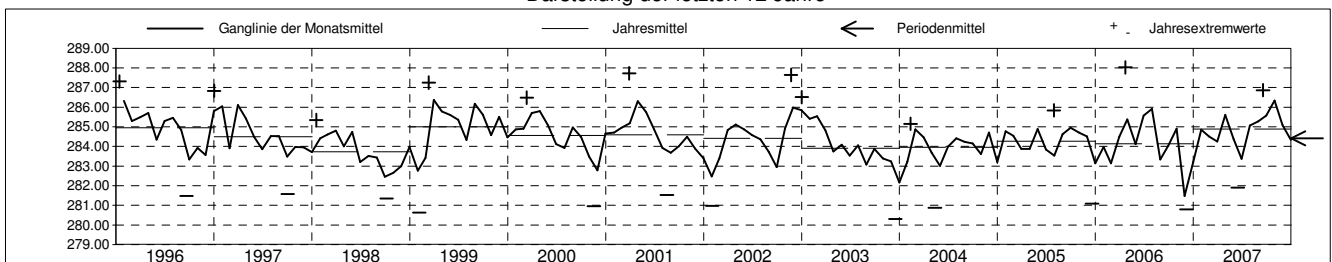
Amt für Umweltschutz und Energie
 Kanton Basel-Landschaft
 Koordinaten: 612465.69 / 258288.81

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	284.90	285.14	283.37	282.69 -	286.03	284.10	286.21	285.37	283.84	286.48	285.94	285.09	1
2	284.03	285.15	283.42	282.85	286.09 +	283.26	286.09	285.87	283.73	286.59	285.93	285.15	2
3	283.19 -	285.17	283.54	284.20	285.94	282.64	285.76	286.23	283.70 -	286.60	285.93	284.56	3
4	283.27	285.18	283.56	285.24	286.08	282.43	284.81	286.27	284.18	286.69	285.90	283.98	4
5	283.88	285.18	283.52	285.63	285.99	282.35	284.01	286.27	284.25	286.58	285.92	283.32	5
Tagesmittel													
6	283.63	285.19	284.68	285.73	285.39	283.73	283.50 -	286.36	283.96	286.70 +	285.87	283.07	6
7	284.58	285.21 +	285.39	285.86	285.05	284.81	283.53	285.49	285.10	286.59	285.84	282.94	7
8	284.12	285.18	285.52	285.98	285.57	283.95	284.92	284.58	286.08	286.62	285.82	282.90	8
9	283.47	284.61	285.60	286.05	285.83	283.19	284.71	285.69	286.50	286.60	285.82	282.86	9
10	284.79	284.16	285.38	286.11	285.93	282.56	283.93	286.58 +	286.24	286.56	286.01 +	282.80	10
11	285.12	284.75	285.16	286.12	285.94	282.35	283.54	286.12	285.94	286.50	285.83	282.78	11
12	285.04	284.25	285.57	286.15	285.92	282.21	283.66	285.85	285.42	286.52	285.16	282.77	12
13	285.36	283.65	285.68 +	286.15	285.97	282.09	284.85	285.81	284.44	286.45	284.16	282.71 -	13
14	285.29	283.30	285.54	286.18	285.84	281.97	285.60	285.82	285.22	286.45	283.68	282.77	14
15	285.22	283.15	285.21	286.20	284.60	281.93 -	285.84	285.80	286.21	286.42	284.76	284.06	15
Max. +													
16	285.31	283.07 -	284.88	286.23 +	283.75	282.02	286.04	285.73	286.61	286.37	285.18	284.81	16
17	285.43	283.19	285.05	286.21	283.27	282.00	286.21	285.63	286.80 +	286.33	285.17	284.99	17
18	285.33	284.53	285.33	286.15	283.10	282.21	286.25 +	285.51	285.84	286.30	285.20	285.06	18
19	285.27	285.01	285.36	285.47	282.96	283.33	286.08	285.36	284.73	286.33	285.16	285.09	19
20	285.26	285.06	284.92	284.53	282.78	283.46	285.08	285.21	285.17	286.26	285.15	285.15	20
Min. -													
21	285.26	285.01	284.19	285.41	282.61	283.93	284.82	285.05	285.96	286.23	285.44	285.22	21
22	285.53 +	284.09	283.76	285.91	282.47	283.55	285.52	284.89	286.37	286.19	284.94	285.22	22
23	285.48	284.77	283.48	286.04	282.40	282.86	285.88	284.72	286.62	286.10	284.16	285.17	23
24	285.33	285.16	283.25	286.10	282.28	282.95	284.99	284.56	286.54	286.07	283.54	285.16	24
25	285.22	285.17	283.11	286.15	282.13	283.92	284.12	284.40	286.60	286.03	283.23	285.20	25
26	285.17	284.56	282.96	286.17	282.11 -	284.71	283.82	284.26	286.60	286.02	283.15 -	285.10	26
27	285.14	283.92	282.88	286.18	283.06	285.07	285.23	284.13	286.50	286.01	284.27	285.24	27
28	285.15	283.57	282.88	285.94	283.71	285.64	285.95	284.00	285.51	286.04	284.93	285.16	28
29	285.18		282.85	284.90	283.59	285.91	286.08	283.90 -	286.10	286.00	285.27	285.28 +	29
30	285.18		282.81	285.70	284.55	285.95 +	285.22	283.99	286.47	286.00	285.09	285.17	30
31	285.17		282.75 -		285.02		284.67	283.95		285.96 -		285.24	31
Monatsmittel	284.85	284.51	284.25	285.61	284.39	283.37 -	285.06	285.27	285.58	286.34 +	285.08	284.32	
Maximum	285.59	285.26 -	285.71	286.27	286.14	286.04	286.36	286.70	286.86 +	286.77	286.09	285.32	
Datum	22.01	25.02	14.03	16.04	02.05	30.06	19.07	10.08	17.09	04.10	10.11	29.12	
Amplitude	2.62	2.28	2.98	3.64	4.16	4.14	3.08	2.83	3.28	0.85	3.07	2.68	
Jahr 2007	Mittel	284.89 m ü.M.		Maximum	286.86 (17.Sep)		Minimum	281.90 (15.Jun)		Amplitude	4.96 m		



Periode	1996 - 2007												
Monatsmittel	284.48	284.42	285.03 +	285.03 +	284.61	284.30	284.42	284.32	284.08	284.24	283.97 -	283.99	
Maximum	287.31	286.44 -	287.72	288.03 +	287.13	287.11	286.99	286.94	286.86	287.20	287.64	287.57	
Jahr	1996	1996	2001	2006	1999	2006	1999	1999	2007	2002	2002	2002	
Minimum	280.85	280.62	282.32 +	281.57	280.87	281.69	281.31	280.97	280.94	281.35	280.87	280.30 -	
Jahr	1999	1999	2002	2004	2004	1998	2005	2003	2003	1998	2006	2003	
Amplitude	3.79	5.61 +	4.32	4.51	4.16	4.14	4.57	3.74	4.41	4.44	3.68 -	4.62	
Jahr	1996	1999	2001	2006	2007	2007	1999	2001	1996	2002	2000	2006	
Periode	Mittel	284.41 m ü.M.		Maximum	288.03 (22.Apr 2006)		Minimum	280.30 (16.Dez 2003)		Amplitude	7.73 m		

Darstellung der letzten 12 Jahre



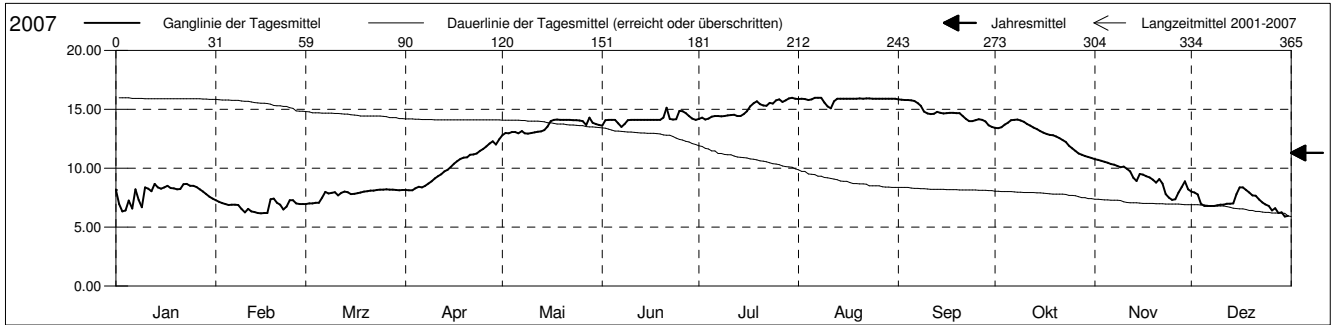
Grundwassertemperatur



Birstal
 Aesch 11.J.15 Vers.-Anlage
 Abstichpunkt: 294.07 m ü.M.
 OK Terrain: 293.01 m ü.M.

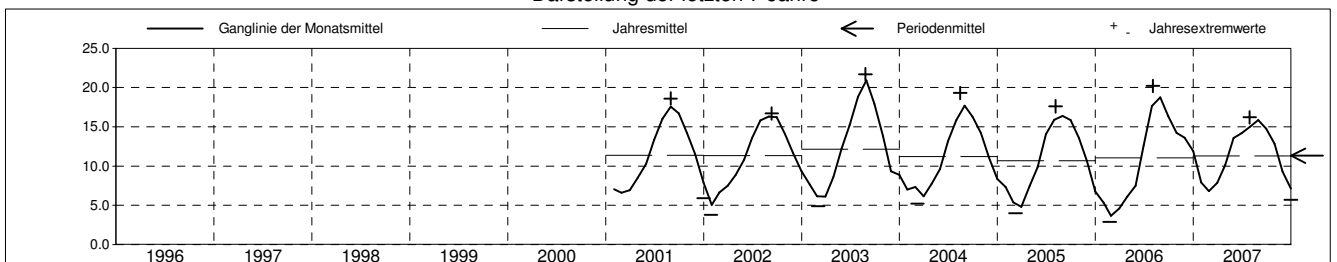
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 612465.69 / 258288.81

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	8.2	7.3	6.9 -	8.1 -	12.8 -	13.6	14.2	15.9	15.8 +	13.4	10.8 +	8.0	1
2	7.0	7.1	7.0	8.1 -	13.0	14.1	14.3	15.9	15.8 +	13.4	10.7	7.9	2
3	6.3 -	7.1	7.0	8.1 -	13.0	14.1	14.1 -	15.9	15.8 +	13.5	10.6	7.8	3
4	6.4	7.0	7.1	8.3	13.1	14.1	14.2	15.8	15.8 +	13.7	10.6	7.0	4
5	7.3	6.9	7.1	8.4	13.1	14.1	14.4	15.8	15.8 +	13.9	10.5	6.8	5
6	6.6	6.9	7.5	8.4	13.0	13.8	14.4	16.0 +	15.7	14.1 +	10.3	6.8	6
7	8.2	6.9	8.0	8.5	13.2	13.5 -	14.4	16.0 +	15.5	14.1 +	10.3	6.8	7
8	7.3	6.9	7.9	8.7	13.0	13.8	14.4	16.0 +	15.3	14.1 +	10.2	6.8	8
9	6.7	6.5	7.9	8.9	12.9	14.1	14.4	15.6	14.8	14.1 +	10.1	6.9	9
10	8.4	6.3	8.0	9.1	13.0	14.1	14.5	15.2	14.7	13.9	10.1	6.9	10
11	8.3	6.6	7.7	9.3	13.1	14.1	14.5	15.1 -	14.6	13.8	9.9	6.9	11
12	8.0	6.3	7.9	9.5	13.1	14.1	14.6	15.7	14.6	13.6	9.7	7.0	12
13	8.7 +	6.3	8.0	9.7	13.1	14.1	14.4	15.9	14.8	13.5	9.2	7.0	13
14	8.4	6.2 -	8.0	9.9	13.2	14.1	14.4	15.9	14.7	13.3	8.9	7.0	14
15	8.3	6.2 -	7.8	10.1	13.5	14.1	14.6	15.9	14.7	13.2	9.5	7.8	15
16	8.4	6.2 -	7.8	10.4	14.0	14.1	14.8	15.9	14.7	13.0	9.4	8.4 +	16
17	8.5	6.2 -	7.9	10.6	14.1	14.1	15.3	15.9	14.7	12.9	9.3	8.4 +	17
18	8.3	7.4 +	7.9	10.8	14.1	14.1	15.5	15.9	14.7	12.8	9.2	8.1	18
19	8.3	7.4 +	8.0	10.9	14.1	14.1	15.7	15.9	14.7	12.8	9.0	7.9	19
20	8.2	7.1	8.0	10.9	14.1	14.3	15.4	15.9	14.7	12.7	8.8	7.7	20
21	8.2	6.9	8.1	11.2	14.1	15.1 +	15.3	15.9	14.4	12.6	9.1	7.7	21
22	8.6	6.5	8.1	11.2	14.1	14.2	15.3	15.9	14.2	12.4	8.7	7.3	22
23	8.7 +	6.8	8.2 +	11.3	14.1	14.1	15.6	15.9	14.0	12.2	7.8	7.1	23
24	8.5	7.3	8.2 +	11.5	14.1	14.2	15.5	15.9	14.0	11.9	7.5	6.9	24
25	8.5	7.3	8.2 +	11.6	14.0	14.9	15.8	15.9	14.1	11.7	7.3 -	6.8	25
26	8.4	7.0	8.2 +	11.8	14.0	14.8	15.8	15.9	14.2	11.5	7.4	6.4	26
27	8.2	6.9	8.2 +	12.1	13.7	14.7	15.6	15.9	14.1	11.3	7.9	6.6	27
28	8.0	7.0	8.2 +	12.3	14.3 +	14.4	15.8	15.9	14.0	11.1	8.4	6.2	28
29	7.8	7.0	8.2 +	12.0	13.9	14.2	15.9	15.9	13.6	11.0	8.9	6.3	29
30	7.6	8.1	12.4 +	13.8	14.1	16.0 +	15.9	15.9	13.5 -	11.0	8.2	5.9 -	30
31	7.4	8.1	13.7	15.9	15.9	15.9	15.9	15.9	10.9 -	6.0	6.0	31	
Monatsmittel	7.9	6.8 -	7.8	10.1	13.6	14.2	15.0	15.8 +	14.7	12.8	9.3	7.1	
Maximum	9.1	8.1 -	8.2	12.7	14.5	15.4	16.2 +	16.1	15.9	14.2	10.9	8.7	
Datum	10.01	18.02	22.03	30.04	28.05	21.06	30.07	06.08	01.09	07.10	01.11	16.12	
Minimum	6.3	6.1	6.9	8.1	12.7	13.5	14.0	15.0 +	13.4	10.8	7.3	5.7 -	
Datum	03.01	14.02	01.03	01.04	01.05	01.06	01.07	10.08	30.09	31.10	24.11	30.12	
Amplitude	2.8	2.0	1.3	4.6	1.8	1.9	2.2	1.1	2.5	3.4	3.6	3.0	
Jahr 2007	Mittel	11.3 °C		Maximum	16.2 (30.Jul)		Minimum	5.7 (30.Dez)		Amplitude	10.5 °C		



Periode	2001 - 2007												
Monatsmittel	6.8	6.1 -	6.3	8.2	10.6	13.7	16.4	17.6 +	16.3	13.8	11.0	8.6	
Maximum	10.4	9.8	8.3 -	12.7	14.5	18.4	20.2	21.7 +	21.6	16.5	14.2	14.4	
Jahr	2004	2004	2002	2007	2007	2003	2003	2003	2003	2003	2004	2006	
Minimum	3.3	2.9 -	3.5	4.8	6.7	9.0	12.2	15.0 +	13.4	10.5	6.9	5.3	
Jahr	2006	2006	2006	2006	2006	2006	2005	2007	2007	2003	2005	2005	
Amplitude	6.2	4.1	2.5 -	4.6	5.1	6.4	5.0	3.6	5.2	6.0	5.9	7.2 +	
Jahr	2002	2002	2005	2007	2004	2006	2005	2006	2003	2003	2005	2006	
Periode	Mittel	11.3 °C		Maximum	21.7 (26.Aug 2003)		Minimum	2.9 (23.Feb 2006)		Amplitude	18.8 °C		

Darstellung der letzten 7 Jahre



Leitfähigkeit



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.15

294.07

293.01

Vers.-Anlage

m ü.M.

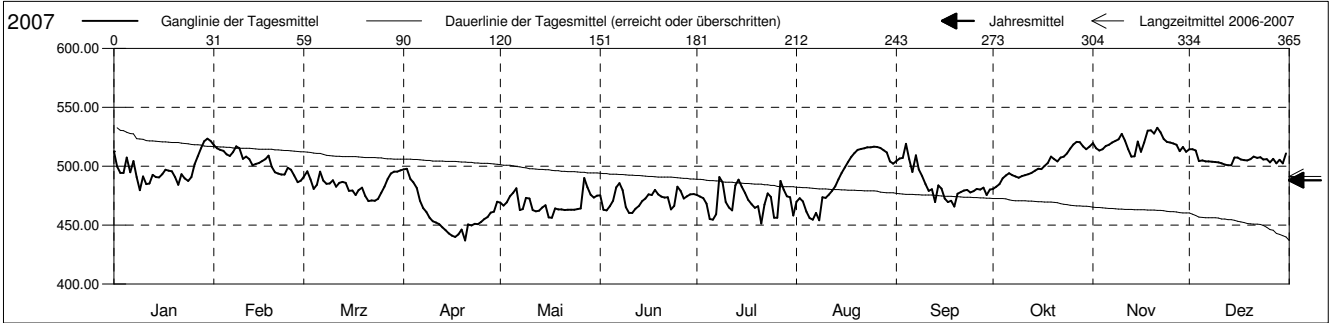
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

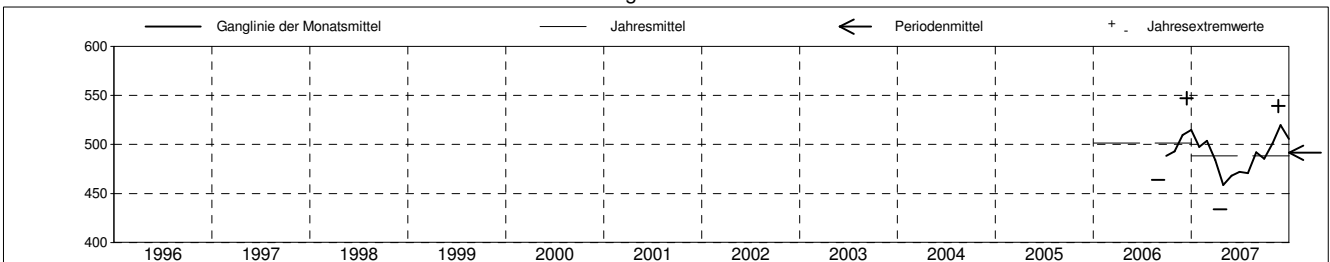
Koordinaten: 612465.69 / 258288.81

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	513	518 +	491	497	469	475	476	470	504	481 -	519	515 +	1
2	500	515	496	498 +	467	463	474	473	506	483	515	514	2
3	494	514	489	489	469	463	473	470	507	485	513	513	3
4	494	513	481	486	475	466	468	461	519 +	490	514	504	4
5	508	510	484	482	478	471	455	456	506	492	517	505	5
Tagesmittel													
6	495	509	495	471	481	482	455	455	495	494	518	504	6
7	504	512	488	465	463	486 +	459	460	509	493	520	504	7
8	491	517	485	461	464	480	491 +	454 -	497	491	522	504	8
9	480 -	515	485	456	473	465	487	474	492	490	523	504	9
10	491	506	488	453	472	460 -	470	473	485	492	528	503	10
11	485	508	483	452	463	460 -	465	476	479	492	522	503	11
12	486	506	486	451	462	464	463	479	480	493	514	501 -	12
13	493	501	487	448	462	466	484	483	470	494	508 -	501 -	13
14	491	502	486	446	465	470	489	489	484	496	508 -	501 -	14
15	490	503	479	443	467	473	483	494	481	498	521	507	15
Max. +													
16	493	504	480	441	457	476	478	499	473	498	512	508	16
17	497	506	476	440	456 -	475	471	504	470	500	520	506	17
18	496	509	480	442	464	480	468	508	471	503	530	505	18
19	496	500	482	446	463	476	465	511	466 -	508	530	505	19
20	491	495	475	437 -	463	474	466	514	477	506	528	506	20
Min. -													
21	484	494	470 -	451	463	474	451 -	515	478	504	533 +	508	21
22	493	493	471	450	463	474	467	515	479	507	529	507	22
23	490	493	471	451	463	463	477	516	480	508	523	508	23
24	487	499	472	451	463	466	474	516	478	511	521	506	24
25	491	497	478	453	464	483	456	517 +	479	515	520	506	25
26	502	492	483	455	464	479	456	481	481	519	519	503	26
27	509	486 -	489	457	490 +	473	487	516	480	521 +	518	506	27
28	515	488	494	461	482	475	480	514	482	521 +	513	503	28
29	521		495	462	476	476	475	512	475	517	516	505	29
30	524 +		496	470	473	476	474	504	480	515	512	503	30
31	522		497 +		475		458	502		517		511	31
Monatsmittel	498	504	484	459 -	468	472	471	492	485	501	520 +	506	
Maximum	530	527	512	503	505	495 -	504	522	528	524	539 +	521	
Datum	05.01	18.02	06.03	02.04	27.05	25.06	08.07	09.08	04.09	27.10	21.11	15.12	
Minimum	477	485	469	434 -	451	459	447	447	460	476	495 +	497	
Datum	09.01	27.02	21.03	17.04	07.05	10.06	21.07	01.08	20.09	01.10	13.11	28.12	
Amplitude	53	42	43	69	54	36	57	75	68	48	32	24	
Jahr 2007	Mittel	488		Maximum	539 (21.Nov)		Minimum	434 (17.Apr)		Amplitude	105		



Periode	2006 - 2007												
Monatsmittel	498	504	484	459 -	468	472	471	492	487	497	515 +	510	
Maximum	530	527	512	503	505	495 -	504	522	528	524	539 +	547 +	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	
Minimum	477	485	469	434 -	451	459	447	447	460	476	495 +	494	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	
Amplitude	53	42	43	69	54	36	57	75 +	68	48	32 -	53	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	
Periode	Mittel	491		Maximum	547 (14.Dez 2006)		Minimum	434 (17.Apr 2007)		Amplitude	113		

Darstellung der letzten 2 Jahre



Grundwasserspiegel im Birstal

Station 11.J.15 Aesch

Versickerungsanlage

Koordinaten: 612'465.67 / 258'288.81

Messwerte **Grundwasserspiegel**
Temperatur
Leitfähigkeit (ab Aug 2006)

