

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

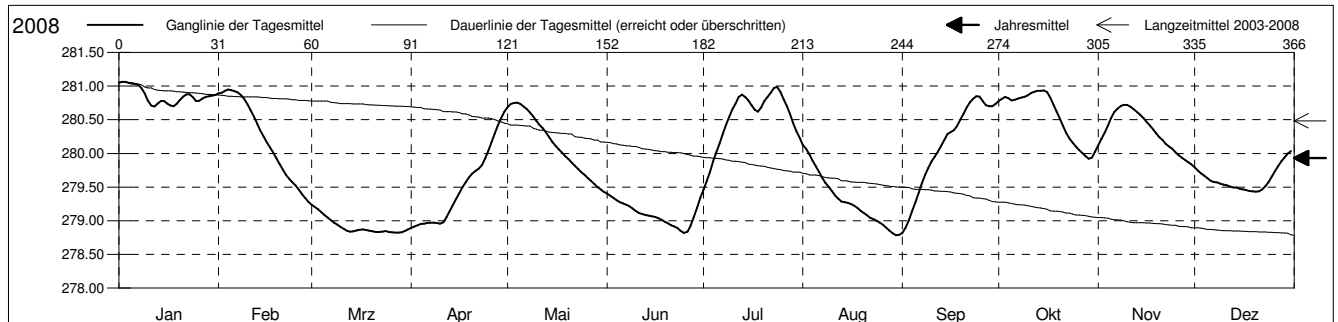
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

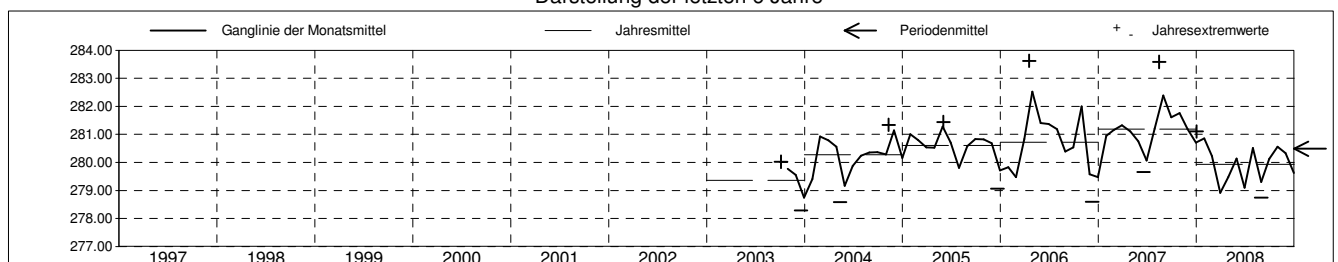
Koordinaten: 612084.13 / 259129.88

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	281.05	280.89	279.24 +	278.90 -	280.69	279.40 +	279.46 -	280.13 +	278.82 -	280.78	280.12	279.80	1
2	281.06 +	280.90	279.20	278.91	280.73	279.37	279.59	280.06	278.90	280.81	280.21	279.74	2
3	281.06 +	280.93	279.17	278.93	280.75 +	279.34	279.72	279.98	279.01	280.84	280.31	279.70	3
4	281.05	280.95 +	279.13	278.95	280.75 +	279.30	279.88	279.90	279.14	280.82	280.41	279.67	4
5	281.04	280.94	279.09	278.96	280.74	279.28	280.02	279.81	279.28	280.79	280.52	279.63	5
Tagesmittel													
6	281.03	280.93	279.05	278.97	280.70	279.26	280.14	279.72	279.41	280.80	280.62	279.60	6
7	281.02	280.91	279.01	278.97	280.66	279.24	280.29	279.64	279.56	280.82	280.67	279.57	7
8	280.97	280.87	278.97	278.97	280.61	279.21	280.42	279.56	279.68	280.83	280.70	279.57	8
9	280.89	280.81	278.94	278.96	280.55	279.18	280.54	279.50	279.78	280.84	280.72 +	279.55	9
10	280.79	280.73	278.91	278.96	280.48	279.14	280.65	279.44	279.88	280.87	280.72 +	279.54	10
11	280.71	280.64	278.88	278.98	280.42	279.11	280.74	279.38	279.95	280.90	280.69	279.53	11
12	280.70 -	280.54	278.85	279.05	280.37	279.10	280.84	279.33	280.03	280.92	280.66	279.51	12
13	280.74	280.44	278.84	279.14	280.31	279.08	280.87	279.29	280.11	280.93	280.62	279.49	13
14	280.78	280.34	278.84	279.23	280.24	279.07	280.84	279.28	280.20	280.93	280.57	279.49	14
Max. +	280.78	280.25	278.86	279.32	280.17	279.06	280.79	279.26	280.29	280.94 +	280.52	279.48	15
16	280.74	280.16	278.87	279.41	280.11	279.05	280.72	279.25	280.32	280.91	280.47	279.47	16
17	280.71	280.09	278.87	279.50	280.06	279.04	280.65	279.22	280.34	280.83	280.41	279.46	17
18	280.70 -	280.01	278.86	279.57	280.01	279.01	280.62	279.19	280.41	280.73	280.36	279.44	18
19	280.74	279.93	278.85	279.64	279.96	278.98	280.68	279.15	280.50	280.62	280.30	279.44	19
Min. -	280.79	279.84	278.84	279.70	279.92	278.96	280.78	279.11	280.59	280.51	280.24	279.43 -	20
21	280.85	279.76	278.83	279.74	279.87	278.93	280.84	279.08	280.68	280.41	280.20	279.44	21
22	280.88	279.68	278.83	279.78	279.82	278.91	280.90	279.04	280.76	280.30	280.14	279.47	22
23	280.88	279.62	278.83	279.83	279.76	278.89	280.97	279.02	280.81	280.22	280.10	279.51	23
24	280.83	279.57	278.84	279.93	279.72	278.85	280.99 +	279.00	280.85 +	280.16	280.07	279.58	24
25	280.78	279.52	278.83	280.04	279.68	278.82 -	280.91	278.97	280.84	280.10	280.02	279.65	25
26	280.78	279.46	278.83	280.17	279.63	278.84	280.80	278.94	280.78	280.05	279.97	279.74	26
27	280.82	279.39	278.82 -	280.30	279.59	278.92	280.71	278.89	280.72	280.01	279.94	279.81	27
28	280.84	279.34	278.82 -	280.42	279.55	279.05	280.59	278.85	280.70	279.96	279.90	279.89	28
29	280.85	279.28 -	278.83	280.53	279.50	279.19	280.45	278.81	280.70	279.92 -	279.87	279.94	29
30	280.86		278.85	280.62 +	279.46	279.34	280.33	278.78 -	280.74	279.93	279.83 -	280.00	30
31	280.87		278.87		279.43 -		280.22	278.79		280.02		280.04 +	31
Monatsmittel	280.86 +	280.23	278.92 -	279.48	280.14	279.10	280.51	279.30	280.13	280.56	280.33	279.62	
Maximum	281.10 +	280.99	279.26 -	280.66	280.79	279.43	281.02	280.15	280.88	280.97	280.76	280.09	
Datum	02.01	04.02	01.03	30.04	04.05	01.06	24.07	01.08	24.09	15.10	09.11	31.12	
Amplitude	0.46	1.73	0.47	1.82	1.39	0.65	1.63	1.40	2.11	1.10	0.96	0.69	
Jahr 2008	Mittel	279.93 m ü.M.	Maximum	281.10 (02.Jan)	Minimum	278.75 (31.Aug)	Amplitude	2.35 m					



Periode	2003 - 2008											
Monatsmittel	280.41	280.52	280.48	280.84	280.55	280.22	280.59	280.60	280.69	280.87 +	280.41	279.74 -
Maximum	281.37	281.36	282.11	283.62 +	282.55	281.69	281.43	283.58	281.83	282.77	281.53	281.08 -
Jahr	2005	2007	2006	2006	2006	2006	2007	2007	2007	2006	2007	2007
Minimum	278.86	279.02	278.78	278.85	278.59	278.78	279.14	278.75	278.77	279.49 +	278.80	278.29 -
Jahr	2004	2006	2008	2008	2004	2008	2005	2008	2008	2003	2006	2003
Amplitude	1.92	1.73	3.01 +	2.38	1.76	1.42 -	1.63	2.29	2.11	2.06	1.89	2.24
Jahr	2004	2008	2006	2006	2006	2005	2008	2007	2008	2006	2006	2006
Periode	Mittel	280.49 m ü.M.	Maximum	283.62 (18.Apr 2006)	Minimum	278.29 (19.Dez 2003)	Amplitude	5.34 m				

Darstellung der letzten 6 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

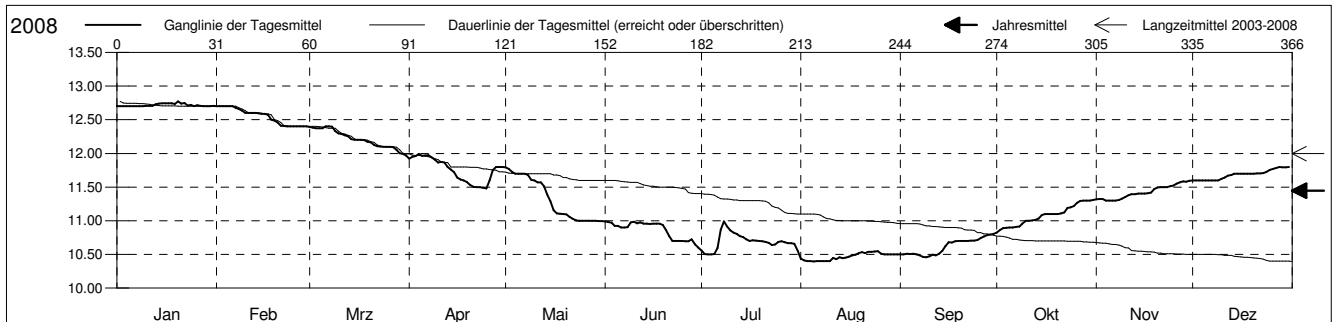
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

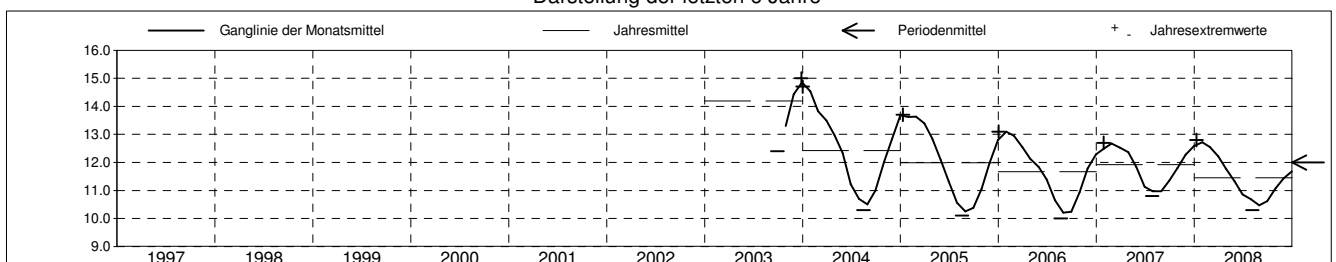
Koordinaten: 612084.13 / 259129.88

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.7 -	12.7 +	12.4 +	11.9	11.8 +	11.0 +	10.6	10.4 -	10.5 -	10.8 -	11.3 -	11.6 -	1
2	12.7 -	12.7 +	12.4 +	11.9	11.8 +	11.0 +	10.5 -	10.4 -	10.5 -	10.9	11.3 -	11.6 -	2
3	12.7 -	12.7 +	12.4 +	12.0 +	11.7	11.0 +	10.5 -	10.4 -	10.5 -	10.9	11.3 -	11.6 -	3
4	12.7 -	12.7 +	12.4 +	12.0 +	11.7	10.9	10.5 -	10.4 -	10.5 -	10.9	11.3 -	11.6 -	4
5	12.7 -	12.7 +	12.4 +	12.0 +	11.7	10.9	10.5 -	10.4 -	10.5 -	10.9	11.3 -	11.6 -	5
Tagesmittel													
6	12.7 -	12.7 +	12.4 +	12.0 +	11.7	10.9	10.6	10.4 -	10.5 -	10.9	11.3 -	11.6 -	6
7	12.7 -	12.7 +	12.4 +	12.0 +	11.7	10.9	10.9	10.4 -	10.5 -	10.9	11.3 -	11.6 -	7
8	12.7 -	12.7 +	12.4 +	11.9	11.7	10.9	11.0 +	10.4 -	10.5 -	10.9	11.3 -	11.6 -	8
9	12.7 -	12.6	12.3	11.9	11.6	11.0 +	10.9	10.4 -	10.5 -	11.0	11.3 -	11.6 -	9
10	12.7 -	12.6	12.3	11.9	11.6	11.0 +	10.9	10.4 -	10.5 -	11.0	11.4	11.6 -	10
11	12.7 -	12.6	12.3	11.9	11.6	11.0 +	10.8	10.4 -	10.5 -	11.0	11.4	11.6 -	11
12	12.7 -	12.6	12.3	11.9	11.6	11.0 +	10.8	10.4 -	10.5 -	11.0	11.4	11.7	12
13	12.7 -	12.6	12.3	11.8	11.5	11.0 +	10.8	10.5	10.5 -	11.0	11.4	11.7	13
14	12.7 -	12.6	12.2	11.8	11.4	11.0 +	10.8	10.4 -	10.6	11.0	11.4	11.7	14
15	12.7 -	12.6	12.2	11.7	11.3	10.9	10.7	10.4 -	10.6	11.1	11.4	11.7	15
Max. +													
16	12.7 -	12.6	12.2	11.6	11.2	11.0 +	10.7	10.5	10.7	11.1	11.4	11.7	16
17	12.7 -	12.6	12.2	11.6	11.1	11.0 +	10.7	10.5	10.7	11.1	11.4	11.7	17
18	12.7 -	12.5	12.2	11.6	11.1	11.0 +	10.7	10.5	10.7	11.1	11.4	11.7	18
19	12.7 -	12.5	12.2	11.6	11.1	10.9	10.7	10.5	10.7	11.1	11.5	11.7	19
20	12.8 +	12.5	12.2	11.5 -	11.1	10.9	10.7	10.5	10.7	11.1	11.5	11.7	20
Min. -													
21	12.7 -	12.4 -	12.1	11.5 -	11.1	10.8	10.7	10.5	10.7	11.1	11.5	11.7	21
22	12.8 +	12.4 -	12.1	11.5 -	11.0 -	10.7	10.7	10.5	10.7	11.1	11.5	11.7	22
23	12.7 -	12.4 -	12.1	11.5 -	11.0 -	10.7	10.6	10.5	10.7	11.2	11.5	11.7	23
24	12.7 -	12.4 -	12.1	11.5 -	11.0 -	10.7	10.6	10.5	10.7	11.2	11.5	11.7	24
25	12.7 -	12.4 -	12.1	11.5 -	11.0 -	10.7	10.7	10.6 +	10.7	11.2	11.5	11.8 +	25
26	12.7 -	12.4 -	12.1	11.6	11.0 -	10.7	10.7	10.5	10.7	11.3 +	11.6 +	11.8 +	26
27	12.7 -	12.4 -	12.1	11.8	11.0 -	10.7	10.7	10.5	10.8 +	11.3 +	11.6 +	11.8 +	27
28	12.7 -	12.4 -	12.1	11.8	11.0 -	10.7	10.7	10.5	10.8 +	11.3 +	11.6 +	11.8 +	28
29	12.7 -	12.4 -	12.0 -	11.8	11.0 -	10.6 -	10.7	10.5	10.8 +	11.3 +	11.6 +	11.8 +	29
30	12.7 -		12.0 -	11.8	11.0 -	10.6 -	10.7	10.5	10.8 +	11.3 +	11.6 +	11.8 +	30
31	12.7 -		12.0 -		11.0 -		10.6	10.5		11.3 +		11.8 +	31
Monatsmittel	12.7 +	12.6	12.2	11.8	11.3	10.9	10.7	10.5 -	10.6	11.1	11.4	11.7	
Maximum	12.8 +	12.7	12.4	12.1	11.8	11.1	11.0	10.6 -	10.9	11.4	11.6	11.8	
Datum	10.01	01.02	01.03	02.04	01.05	09.06	07.07	01.08	30.09	31.10	24.11	21.12	
Minimum	12.7 +	12.4	11.9	11.4	10.9	10.6	10.4	10.3 -	10.4	10.8	11.3	11.6	
Datum	01.01	19.02	30.03	24.04	30.05	26.06	31.07	05.08	07.09	01.10	01.11	01.12	
Amplitude	0.1	0.3	0.5	0.7	0.9	0.5	0.6	0.3	0.5	0.6	0.3	0.2	
Jahr 2008	Mittel	11.4 °C		Maximum	12.8 (10.Jan)		Minimum	10.3 (05.Aug)		Amplitude	2.5 °C		



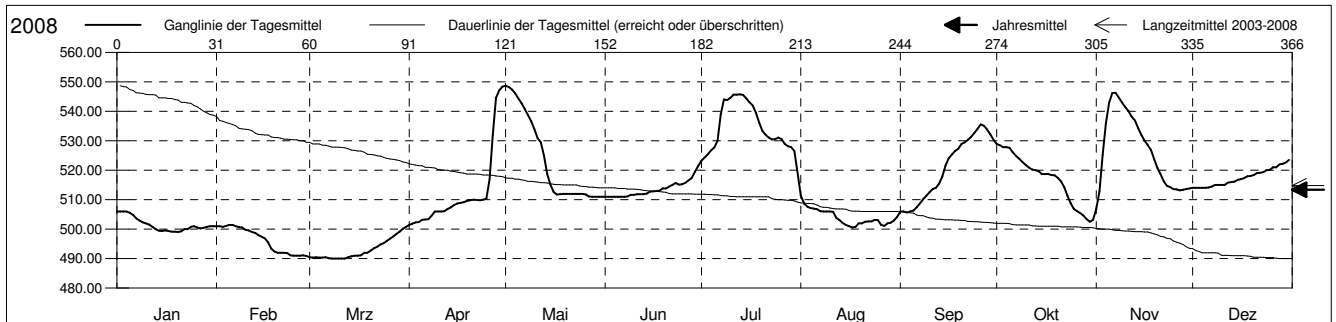
Periode	2003 - 2008											
Monatsmittel	13.3 +	13.1	12.8	12.4	11.9	11.2	10.7	10.5 -	10.7	11.7	12.5	13.0
Maximum	14.7	13.9	13.7	13.2	12.7	11.7	11.1 -	11.2	12.5	14.0	14.7	15.0 +
Jahr	2004	2004	2004	2004	2004	2004	2007	2007	2003	2003	2003	2003
Minimum	12.3	12.4 +	11.9	11.4	10.9	10.6	10.3	10.0 -	10.0 -	10.5	11.3	11.6
Jahr	2007	2008	2008	2008	2008	2008	2005	2006	2006	2006	2008	2008
Amplitude	0.8	0.3 -	0.5	0.7	1.0	0.9	0.6	0.4	0.9	1.5 +	0.8	0.8
Jahr	2004	2006	2008	2005	2004	2005	2004	2004	2004	2003	2004	2005
Periode	Mittel	12.0 °C		Maximum	15.0 (27.Dez 2003)		Minimum	10.0 (21.Aug 2006)		Amplitude	5.0 °C	

Darstellung der letzten 6 Jahre



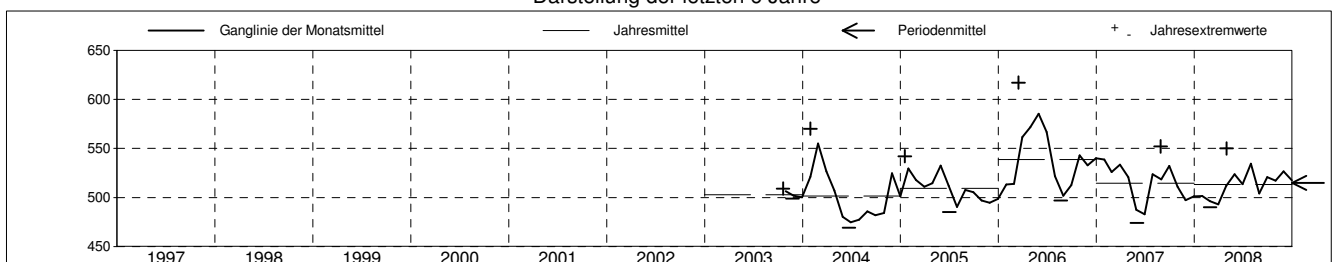


2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	506 +	501 +	490 -	501 -	549 +	511 -	523	511 +	506 -	529 +	507 -	514 -	1
2	506 +	501 +	490 -	502	548	511 -	524	509	506 -	528	513	514 -	2
3	506 +	501 +	490 -	502	547	511 -	525	508	506 -	528	525	514 -	3
4	506 +	501 +	490 -	502	546	511 -	527	507	506 -	528	536	514 -	4
5	506 +	501 +	490 -	503	544	511 -	528	507	506 -	528	543	514 -	5
Tagesmittel													
6	505	501 +	490 -	503	543	511 -	530	507	507	526	546 +	514 -	6
7	504	501 +	490 -	503	541	511 -	539	506	509	525	546 +	515	7
8	503	501 +	490 -	505	539	511 -	544	506	510	524	545	515	8
9	502	501 +	490 -	506	537	512	544	506	511	523	543	515	9
10	502	500	490 -	506	534	512	545	506	513	522	542	515	10
11	502	500	490 -	506	531	512	546 +	506	514	521	540	515	11
12	501	499	490 -	506	530	512	546 +	504	514	520	538	516	12
13	500	499	490 -	507	525	512	546 +	503	515	520	537	516	13
14	500	498	491	507	519	512	546 +	502	518	520	534	516	14
Max. +	499 -	497	491	508	515	513	544	501 -	522	519	532	517	15
16	500	497	491	509	513	513	543	501 -	524	519	530	517	16
17	499 -	496	491	509	512	513	542	501 -	525	519	528	517	17
18	499 -	493	492	509	512	513	540	501 -	527	518	527	518	18
19	499 -	492	492	510	512	514	536	502	527	518	524	518	19
Min. -	499 -	492	493	510	512	514	533	502	529	517	521	518	20
21	499 -	492	494	510	512	515	532	503	529	516	519	519	21
22	500	492	494	510	512	515	531	503	530	514	516	519	22
23	500	492	495	510	512	516	530	503	531	511	515	519	23
24	501	491 -	495	510	512	515	531	503	533	509	514	520	24
25	501	491 -	496	510	512	515	531	503	534	507	514	520	25
26	501	491 -	497	517	512	516	531	501 -	536 +	506	514	521	26
27	500	491 -	498	532	511 -	517	529	501 -	535	506	513	521	27
28	500	491 -	498	545	511 -	517	528	502	534	505	513	522	28
29	501	491 -	499	547	511 -	520	528	502	532	503 -	514	522	29
30	501		500	548 +	511 -	522 +	527	503	530	503 -	514	523	30
31	501		501 +		511 -		518 -	504		503 -		524 +	31
Monatsmittel	502	496	493 -	512	524	513	534 +	504	521	517	527	517	
Maximum	506	502	501 -	549	550 +	523	547	522	537	530	550 +	527	
Datum	01.01	04.02	30.03	29.04	01.05	30.06	11.07	01.08	26.09	01.10	04.11	31.12	
Minimum	499	490 -	490 -	501	511	511	509	500	499	501	502	514 +	
Datum	14.01	29.02	01.03	01.04	14.05	01.06	31.07	17.08	03.09	31.10	01.11	01.12	
Amplitude	7	12	11	48	39	12	38	22	38	29	48	13	
Jahr 2008	Mittel	513 µs/cm	Maximum	550 (01.Mai)	Minimum	490 (29.Feb)	Amplitude	60 µs/cm					



Periode	2003 - 2008											
Monatsmittel	521	522	525 +	525 +	522	510	510	504 -	511	510	513	510
Maximum	570	568	617 +	596	600	573	547	552	544 -	563	550	551
Jahr	2004	2004	2006	2006	2006	2006	2008	2007	2006	2006	2006	2006
Minimum	499 +	490	490	486	472	469 -	472	482	481	480	494	494
Jahr	2008	2008	2008	2004	2004	2004	2004	2004	2004	2004	2005	2004
Amplitude	65	28	103 +	50	39	46	40	67	46	45	48	21 -
Jahr	2004	2004	2006	2006	2008	2005	2006	2007	2006	2006	2008	2006
Periode	Mittel	515 µs/cm	Maximum	617 (16.Mrz 2006)	Minimum	469 (22.Jun 2004)	Amplitude	148 µs/cm				

Darstellung der letzten 6 Jahre



Grundwasserspiegel im Birstal

Station 11.J.19 Aesch

OP 190965

Fiechten

Koordinaten: 612'084.10 / 259'129.88

Messwerte: Grundwasserspiegel

Temperatur

Leitfähigkeit

OK. Abstich 306.83 m ü.M.
OK. Schacht 307.12 m ü.M.
OK. Terrain 307.08 m ü.M.

OK. 4" Rohr = 306.83
FA GM OK. F- Rohr = 306.27

