

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

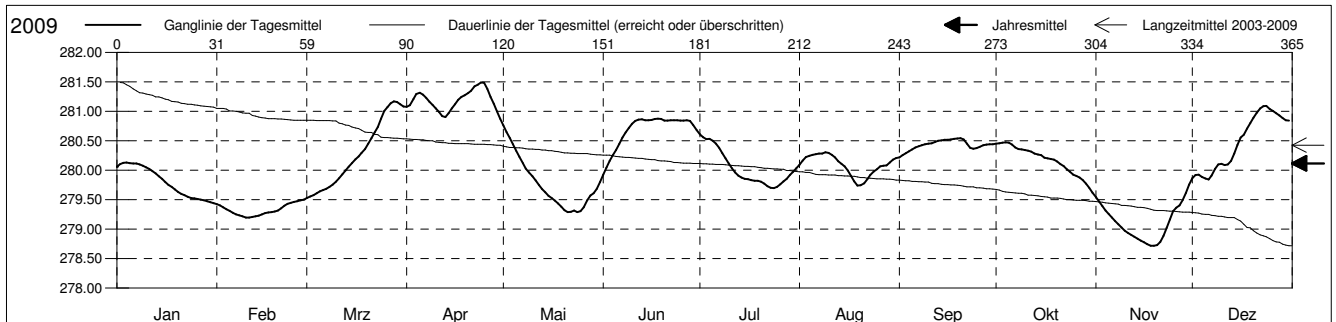
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

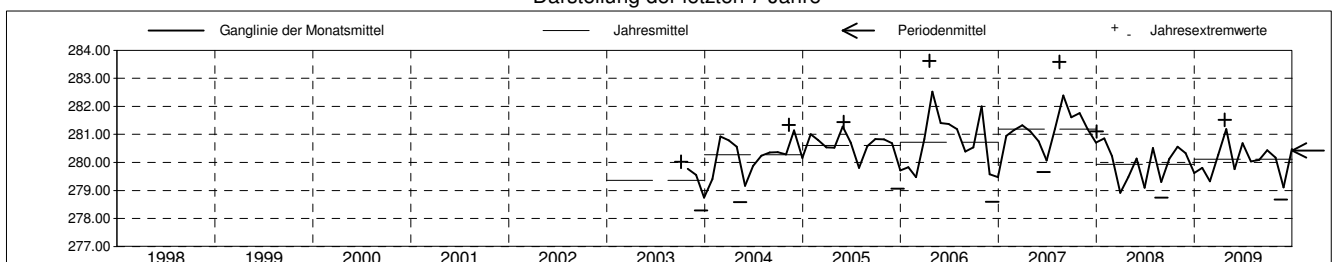
Koordinaten: 612084.13 / 259129.88

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	280.06	279.42	279.53 -	281.08	280.76 +	279.92 -	280.61 +	280.09	280.22 -	280.45	279.55	279.86	1
2	280.10	279.40	279.55	281.10	280.65	280.05	280.56	280.16	280.25	280.46	279.47	279.92	2
3	280.13 +	279.37	279.58	281.21	280.55	280.16	280.53	280.22	280.29	280.47 +	279.39	279.92	3
4	280.13 +	279.34	279.61	281.30	280.44	280.26	280.53	280.24	280.32	280.47 +	279.32	279.89	4
5	280.12	279.31	279.64	281.31	280.33	280.35	280.50	280.26	280.35	280.47 +	279.26	279.86	5
Tagesmittel	280.11	279.28	279.66	281.28	280.23	280.45	280.45	280.27	280.39	280.43	279.20	279.84 -	6
7	280.11	279.25	279.68	281.23	280.12	280.56	280.38	280.29	280.41	280.39	279.14	279.91	7
8	280.10	279.23	279.72	281.16	280.03	280.64	280.29	280.28	280.43	280.36	279.08	280.02	8
9	280.08	279.22	279.76	281.11	279.96	280.72	280.20	280.31 +	280.44	280.36	279.03	280.10	9
10	280.05	279.20	279.81	281.05	279.90	280.79	280.12	280.30	280.45	280.34	278.97	280.11	10
11	280.02	279.19 -	279.87	280.99	279.83	280.84	280.03	280.26	280.46	280.34	278.93	280.09	11
12	279.99	279.21	279.93	280.92	279.75	280.86	279.96	280.22	280.48	280.32	278.91	280.10	12
13	279.95	279.22	280.00	280.90	279.68	280.86	279.91	280.15	280.50	280.28	278.87	280.16	13
14	279.90	279.23	280.06	280.97	279.62	280.85	279.88	280.11	280.51	280.27	278.84	280.28	14
Max. +	279.85	279.25	280.12	281.05	279.57	280.85	279.85	280.07	280.52	280.25	278.81	280.43	15
16	279.80	279.27	280.18	281.12	279.53	280.85	279.85	280.00	280.52	280.21	278.78	280.55	16
17	279.75	279.28	280.24	281.20	279.48	280.87	279.83	279.90	280.52	280.20	278.74	280.60	17
18	279.72	279.29	280.29	281.25	279.44	280.88 +	279.82	279.81	280.53	280.19	278.72 -	280.71	18
19	279.67	279.30	280.36	281.27	279.38	280.87	279.82	279.74 -	280.54	280.18	278.72 -	280.80	19
Min. -	279.63	279.32	280.45	281.31	279.32	280.85	279.81	279.74 -	280.55 +	280.15	278.73	280.89	20
21	279.60	279.36	280.54	281.35	279.29 -	280.84	279.77	279.78	280.52	280.10	278.79	280.97	21
22	279.57	279.40	280.64	281.43	279.29 -	280.85	279.73	279.85	280.45	280.07	278.89	281.05	22
23	279.55	279.43	280.74	281.45	279.32	280.85	279.70 -	279.92	280.38	280.02	279.02	281.09	23
24	279.53	279.44	280.87	281.49 +	279.29 -	280.85	279.70 -	279.98	280.36	279.97	279.17	281.10 +	24
25	279.52	279.46	281.00	281.48	279.30	280.84	279.72	280.02	280.38	279.93	279.31	281.04	25
26	279.51	279.48	281.07	281.38	279.37	280.84	279.76	280.07	280.40	279.90	279.37	281.01	26
27	279.50	279.49	281.14	281.25	279.49	280.85	279.81	280.08	280.42	279.88	279.40	280.97	27
28	279.49	279.50 +	281.17 +	281.13	279.57	280.84	279.86	280.08	280.44	279.83	279.50	280.93	28
29	279.47		281.16	281.00	279.61	280.77	279.92	280.13	280.44	279.77	279.62	280.89	29
30	279.46		281.12	280.88 -	279.69	280.68	279.98	280.18	280.44	279.70	279.75 +	280.85	30
31	279.44 -		281.08		279.80		280.03	280.21		279.62 -		280.84	31
Monatsmittel	279.80	279.33	280.28	281.19 +	279.76	280.69	280.03	280.09	280.43	280.17	279.11 -	280.48	
Maximum	280.18	279.55 -	281.20	281.52 +	280.79	280.91	280.63	280.34	280.58	280.51	279.83	281.13	
Datum	04.01	28.02	28.03	24.04	01.05	17.06	01.07	09.08	20.09	04.10	30.11	23.12	
Amplitude	0.78	0.39	1.72	0.72	1.54	1.07	0.98	0.64	0.41	0.92	1.15	1.33	
Jahr 2009	Mittel	280.12 m ü.M.		Maximum	281.52 (24.Apr)		Minimum	278.68 (19.Nov)		Amplitude		2.84 m	



2003 - 2009												
Monatsmittel	280.31	280.32	280.45	280.90 +	280.42	280.30	280.50	280.52	280.65	280.77	280.23	279.84 -
Maximum	281.37	281.36	282.11	283.62 +	282.55	281.69	281.43	283.58	281.83	282.77	281.53	281.13 -
Jahr	2005	2007	2006	2006	2006	2006	2007	2007	2007	2006	2007	2009
Minimum	278.86	279.02	278.78	278.85	278.59	278.78	279.14	278.75	278.77	279.49 +	278.68	278.29 -
Jahr	2004	2006	2008	2008	2004	2008	2005	2008	2008	2003	2009	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	280.43 m ü.M.		Maximum	283.62 (18.Apr 2006)		Minimum	278.29 (19.Dez 2003)		Amplitude		5.34 m

Darstellung der letzten 7 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

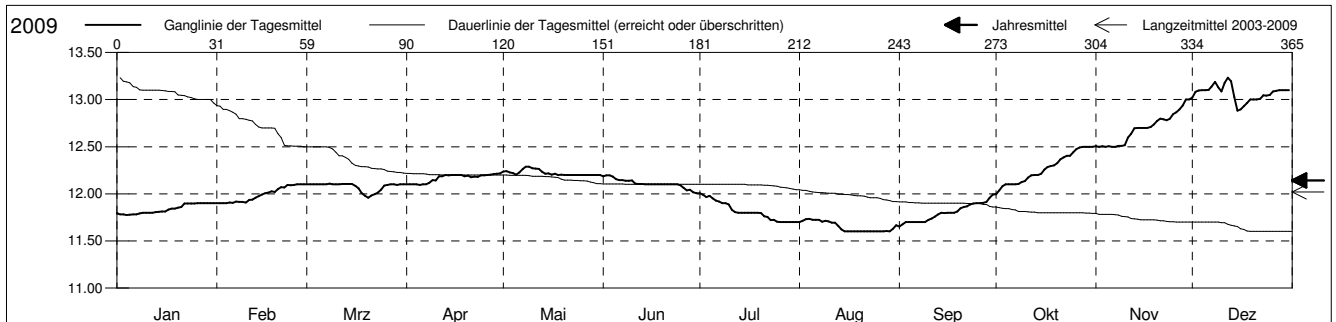
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

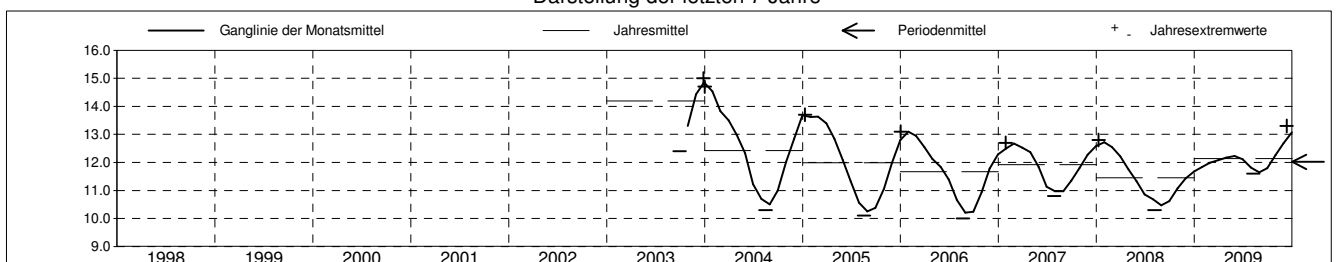
Koordinaten: 612084.13 / 259129.88

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.8 -	11.9 -	12.1 +	12.1 -	12.2 -	12.2 +	12.0 +	11.7 +	11.7 -	12.0 -	12.5 -	13.0	1
2	11.8 -	11.9 -	12.1 +	12.1 -	12.2 -	12.2 +	12.0 +	11.7 +	11.7 -	12.0 -	12.5 -	13.1	2
3	11.8 -	11.9 -	12.1 +	12.1 -	12.2 -	12.2 +	12.0 +	11.7 +	11.7 -	12.1	12.5 -	13.1	3
4	11.8 -	11.9 -	12.1 +	12.1 -	12.2 -	12.2 +	12.0 +	11.7 +	11.7 -	12.1	12.5 -	13.1	4
5	11.8 -	11.9 -	12.1 +	12.1 -	12.2 -	12.2 +	11.9	11.7 +	11.7 -	12.1	12.5 -	13.1	5
Tagesmittel													
6	11.8 -	11.9 -	12.1 +	12.1 -	12.2 -	12.1	11.9	11.7 +	11.7 -	12.1	12.5 -	13.1	6
7	11.8 -	11.9 -	12.1 +	12.1 -	12.3 +	12.1	11.9	11.7 +	11.7 -	12.1	12.5 -	13.1	7
8	11.8 -	11.9 -	12.1 +	12.1 -	12.3 +	12.1	11.9	11.7 +	11.7 -	12.1	12.5 -	13.2 +	8
9	11.8 -	11.9 -	12.1 +	12.1 -	12.3 +	12.1	11.9	11.7 +	11.7 -	12.1	12.5 -	13.1	9
10	11.8 -	11.9 -	12.1 +	12.1 -	12.3 +	12.1	11.9	11.7 +	11.7 -	12.1	12.5 -	13.1	10
11	11.8 -	11.9 -	12.1 +	12.2 +	12.3 +	12.1	11.8	11.7 +	11.7 -	12.2	12.6	13.2 +	11
12	11.8 -	11.9 -	12.1 +	12.2 +	12.3 +	12.1	11.8	11.7 +	11.7 -	12.2	12.6	13.2 +	12
13	11.8 -	12.0	12.1 +	12.2 +	12.2 -	12.1	11.8	11.7 +	11.8	12.2	12.7	13.2 +	13
14	11.8 -	12.0	12.1 +	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.2	12.7	13.0	14
15	11.8 -	12.0	12.1 +	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.2	12.7	12.9 -	15
Max. +													
16	11.8 -	12.0	12.1 +	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.3	12.7	12.9 -	16
17	11.8 -	12.0	12.1 +	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.3	12.7	12.9 -	17
18	11.8 -	12.0	12.0	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.3	12.7	13.0	18
19	11.8 -	12.0	12.0 -	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.3	12.7	13.0	19
20	11.9 +	12.1 +	12.0 -	12.2 +	12.2 -	12.1	11.8	11.6 -	11.8	12.3	12.8	13.0	20
Min. -													
21	11.9 +	12.1 +	12.0 -	12.2 +	12.2 -	12.1	11.8	11.6 -	11.9	12.4	12.8	13.0	21
22	11.9 +	12.1 +	12.0 -	12.2 +	12.2 -	12.1	11.8	11.6 -	11.9	12.4	12.8	13.0	22
23	11.9 +	12.1 +	12.0 -	12.2 +	12.2 -	12.1	11.7 -	11.6 -	11.9	12.4	12.8	13.0	23
24	11.9 +	12.1 +	12.0 -	12.2 +	12.2 -	12.1	11.7 -	11.6 -	11.9	12.4	12.8	13.0	24
25	11.9 +	12.1 +	12.1 +	12.2 +	12.2 -	12.1	11.7 -	11.6 -	11.9	12.4	12.8	13.1	25
26	11.9 +	12.1 +	12.1 +	12.2 +	12.2 -	12.1	11.7 -	11.6 -	11.9	12.5 +	12.9	13.1	26
27	11.9 +	12.1 +	12.1 +	12.2 +	12.2 -	12.0 -	11.7 -	11.6 -	11.9	12.5 +	12.9	13.1	27
28	11.9 +	12.1 +	12.1 +	12.2 +	12.2 -	12.0 -	11.7 -	11.6 -	11.9	12.5 +	12.9	13.1	28
29	11.9 +		12.1 +	12.2 +	12.2 -	12.0 -	11.7 -	11.6 -	12.0 +	12.5 +	13.0 +	13.1	29
30	11.9 +		12.1 +	12.2 +	12.2 -	12.0 -	11.7 -	11.6 -	12.0 +	12.5 +	13.0 +	13.1	30
31	11.9 +		12.1 +		12.2 -		11.7 -	11.7 +		12.5 +		13.1	31
Monatsmittel	11.8	12.0	12.1	12.2	12.2	12.1	11.8	11.6 -	11.8	12.3	12.7	13.1 +	
Maximum	11.9	12.1	12.2	12.3	12.3	12.2	12.1	11.8 -	12.0	12.5	13.0	13.3 +	
Datum	13.01	16.02	08.03	27.04	01.05	01.06	01.07	02.08	27.09	23.10	27.11	11.12	
Minimum	11.7	11.9	11.9	12.0	12.2	12.0	11.7	11.6 -	11.6 -	11.9	12.5	12.8 +	
Datum	01.01	01.02	18.03	05.04	01.05	25.06	20.07	08.08	01.09	01.10	01.11	14.12	
Amplitude	0.2	0.2	0.3	0.3	0.1	0.2	0.4	0.2	0.4	0.6	0.5	0.5	
Jahr 2009	Mittel	12.1 °C			Maximum	13.3 (11.Dez)		Minimum	11.6 (08.Aug)		Amplitude	1.7 °C	



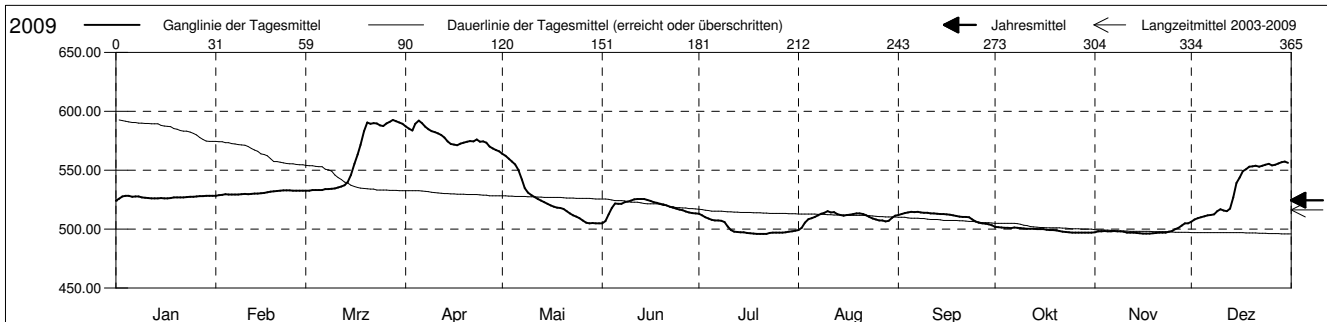
2003 - 2009												
Monatsmittel	13.0 +	12.9	12.7	12.4	11.9	11.3	10.9	10.7 -	10.9	11.8	12.5	13.0 +
Maximum	14.7	13.9	13.7	13.2	12.7	12.2	12.1	11.8 -	12.5	14.0	14.7	15.0 +
Jahr	2004	2004	2004	2004	2004	2009	2009	2009	2003	2003	2003	2003
Minimum	11.7	11.9 +	11.9 +	11.4	10.9	10.6	10.3	10.0 -	10.0 -	10.5	11.3	11.6
Jahr	2009	2009	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 7 Jahre



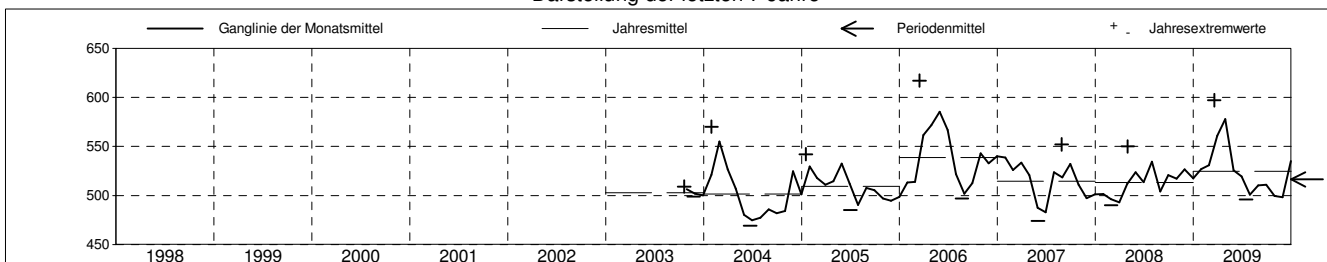


2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	524 -	528 -	533 -	587	564 +	505 -	513 +	499 -	512	502 +	497	506 -	1
2	526	529	533 -	586	562	507	512	501	513	502 +	498	508	2
3	528 +	529	533 -	584	560	512	510	506	514	501	498	509	3
4	528 +	530	533 -	589	557	518	509	508	514	501	498	510	4
5	528 +	529	533 -	592 +	555	522	508	509	515 +	501	498	511	5
Tagesmittel	527	529	533 -	590	550	522	507	510	514	501	498	512	6
6	528 +	529	534	587	542	522	508	512	515 +	501	498	512	7
7	528 +	529	534	585	535	523	507	513	514	501	498	512	8
8	527	530	534	583	531	524	506	514	514	501	498	515	9
9	527	530	534	582	529	524	502	515 +	514	501	498	517	10
10	526	530	535	581	527	525	499	514	513	500	497	516	11
11	526	530	536	580	526	526 +	498	514	513	500	497	515	12
12	526	530	537	578	524	526 +	498	513	513	500	497	517	13
13	526	530	540	575	523	526 +	497	512	513	500	497	527	14
14	526	530	546	572	521	525	497	511	513	500	496 -	539	15
Max. +	526	531	556	572	520	524	497	512	512	500	496 -	544	16
16	526	531	563	571	519	523	496 -	512	512	499	496 -	549	17
17	526	532	572	572	518	522	496 -	513	512	499	496 -	551	18
18	526	532	583	573	518	522	496 -	513	511	499	497	553	19
19	527	532	591	574	517	521	496 -	513	511	499	497	553	20
Min. -	527	533 +	590	575	515	520	496 -	513	510	498	497	554	21
21	527	533 +	590	574	514	519	496 -	512	510	498	497	553	22
22	527	533 +	590	576	512	518	497	510	510	498	497	554	23
23	527	533 +	588	574	511	518	497	509	508	497 -	498	555	24
24	527	533 +	588	574	509	517	497	508	507	497 -	499	556	25
25	528 +	533 +	590	574	507	516	497	507	505	497 -	500	554	26
26	528 +	533 +	591	570	505 -	515	497	507	505	497 -	501	555	27
27	528 +	533 +	593 +	569	505 -	514	497	507	505	497 -	503	556	28
28	528 +	533 +	592	567	505 -	514	498	507	504	497 -	505 +	557 +	29
29	528 +	533 +	590	566 -	505 -	513	498	510	503 -	497 -	505 +	557 +	30
30	528 +	533 +	589	566 -	505 -	513	498	510	503 -	497 -	505 +	557 +	31
31	528 +	533 +	589	566 -	505 -	513	498	510	503 -	497 -	505 +	557 +	31
Monatsmittel	527	531	561	578 +	526	519	501	510	511	499	498 -	535	
Maximum	537	536	597 +	595	565	527	514	517	517	504 -	505	559	
Datum	04.01	23.02	20.03	04.04	01.05	12.06	01.07	10.08	03.09	01.10	28.11	25.12	
Minimum	522	528	532	565 +	505	505	496 -	499	502	496 -	496 -	505	
Datum	01.01	01.02	01.03	30.04	27.05	01.06	16.07	01.08	28.09	23.10	14.11	01.12	
Amplitude	15	8	65	30	60	22	18	18	15	8	9	54	
Jahr 2009	Mittel	525 µs/cm	Maximum	597 (20.Mrz)	Minimum	496 (16.Jul)	Amplitude	101 µs/cm					



Periode	2003 - 2009											
Monatsmittel	522	523	531	534 +	522	512	508	505 -	511	508	511	513
Maximum	570	568	617 +	596	600	573	547	552	544 -	563	550	559
Jahr	2004	2004	2006	2006	2006	2006	2008	2007	2006	2006	2006	2009
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	60	46	40	67	46	45	48	54
Jahr	2004	2004	2006	2006	2009	2005	2006	2007	2006	2006	2008	2009
Periode	Mittel	516 µs/cm	Maximum	617 (16.Mrz 2006)	Minimum	469 (22.Jun 2004)	Amplitude	148 µs/cm				

Darstellung der letzten 7 Jahre



Grundwasserspiegel im Birstal

Station 11.J.19 Aesch
OPK 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

