

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

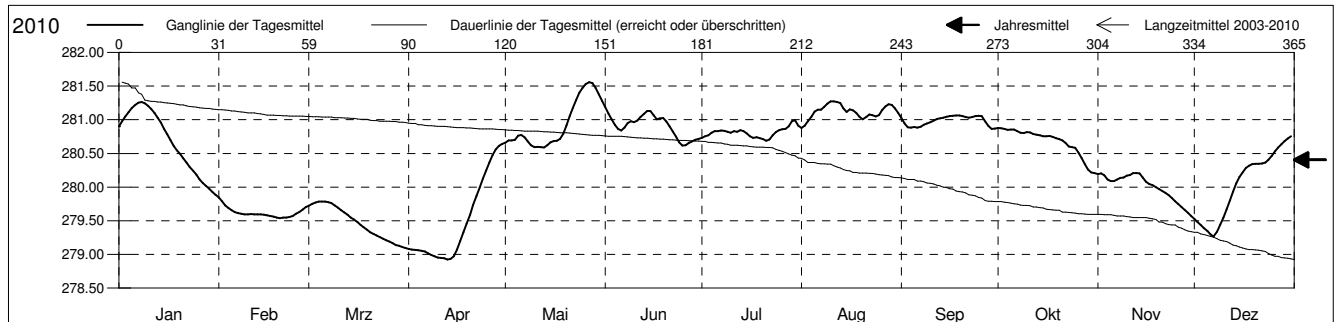
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

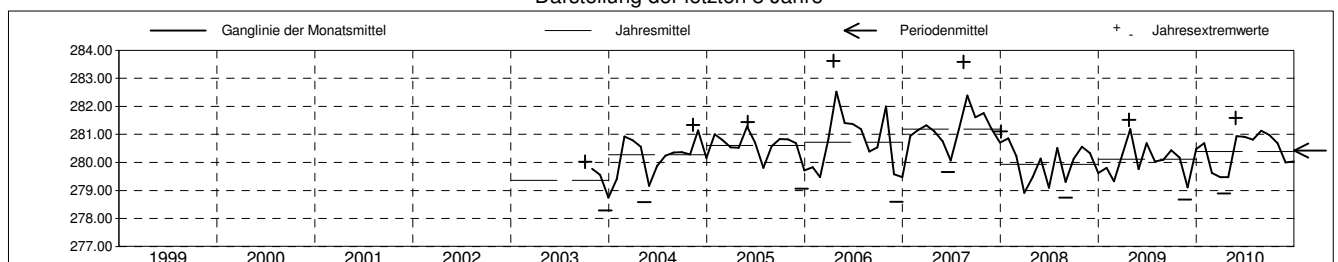
Koordinaten: 612084.13 / 259129.88

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	280.90	279.84 +	279.72	279.08	280.66	281.19 +	280.73	280.88 -	281.03	280.88 +	280.19	279.53	1
2	280.98	279.79	279.75	279.07	280.69	281.09	280.75	280.91	280.95	280.87	280.20	279.48	2
3	281.05	279.73	279.77	279.07	280.69	281.01	280.77	280.98	280.89	280.86	280.17	279.44	3
4	281.11	279.69	279.78	279.06	280.70	280.92	280.81	281.05	280.88	280.85	280.11	279.39	4
5	281.17	279.65	279.78	279.05	280.76	280.86	280.83	281.12	280.89	280.86	280.09	279.35	5
Tagesmittel													
6	281.22	279.63	279.79 +	279.05	280.77	280.84	280.83	281.15	280.88	280.85	280.09	279.30	6
7	281.25	279.61	279.78	279.02	280.74	280.88	280.84	281.15	280.90	280.83	280.11	279.27 -	7
8	281.26 +	279.61	279.76	278.99	280.68	280.95	280.84	281.19	280.93	280.81	280.14	279.34	8
9	281.25	279.59	279.73	278.97	280.62	280.98	280.82	281.24	280.95	280.80	280.14	279.44	9
10	281.21	279.59	279.70	278.95	280.59 -	280.96	280.81	281.27 +	280.96	280.82	280.17	279.55	10
11	281.16	279.60	279.66	278.95	280.60	280.99	280.83	281.27 +	280.99	280.81	280.18	279.67	11
12	281.10	279.59	279.62	278.94	280.59 -	281.04	280.82	281.26	281.01	280.79	280.21 +	279.80	12
13	281.03	279.60	279.59	278.92 -	280.59 -	281.09	280.85	281.25	281.02	280.78	280.21 +	279.93	13
14	280.96	279.60	279.55	278.93	280.62	281.13	280.83	281.17	281.03	280.77	280.20	280.05	14
Max. +	280.87	279.59	279.52	278.97	280.67	281.13	280.80	281.12	281.05	280.75	280.14	280.15	15
16	280.78	279.58	279.48	279.07	280.68	281.07	280.75	281.16	281.05	280.75	280.08	280.22	16
17	280.70	279.57	279.44	279.20	280.69	281.01	280.73	281.14	281.06	280.76	280.05	280.29	17
18	280.61	279.56	279.40	279.33	280.72	281.02	280.74	281.10	281.06	280.75	280.02	280.32	18
19	280.55	279.55	279.37	279.46	280.79	281.03	280.73	281.04	281.07 +	280.72	280.00	280.34	19
Min. -	280.49	279.54 -	279.33	279.59	280.92	280.97	280.71	281.01	281.06	280.71	279.97	280.35	20
21	280.43	279.54 -	279.30	279.73	281.06	280.90	280.69 -	281.04	281.04	280.69	279.94	280.35	21
22	280.36	279.55	279.28	279.87	281.18	280.82	280.70	281.08	281.03	280.65	279.92	280.35	22
23	280.30	279.56	279.25	279.99	281.29	280.75	280.77	281.07	281.04	280.60	279.88	280.36	23
24	280.24	279.57	279.23	280.13	281.40	280.67	280.82	281.05	281.05	280.60	279.84	280.40	24
25	280.18	279.60	279.21	280.25	281.47	280.62 -	280.84	281.07	281.06	280.58	279.79	280.47	25
26	280.11	279.63	279.19	280.37	281.53	280.62 -	280.86	281.14	281.05	280.51	279.74	280.53	26
27	280.06	279.67	279.17	280.47	281.56 +	280.66	280.86	281.19	280.98	280.43	279.70	280.59	27
28	280.02	279.71	279.14	280.56	281.54	280.68	280.90	281.23	280.91	280.34	279.66	280.64	28
29	279.98		279.13	280.61	281.47	280.70	280.98	281.22	280.86 -	280.26	279.62	280.68	29
30	279.93		279.11	280.64 +	281.38	280.72	280.99 +	281.17	280.87	280.22	279.57 -	280.72	30
31	279.89 -		279.10 -		281.28		280.91	281.10		280.21 -		280.75 +	31
Monatsmittel	280.68	279.62	279.47 -	279.48	280.93	280.91	280.81	281.12 +	280.98	280.68	280.00	280.03	
Maximum	281.30	279.86	279.82 -	280.66	281.59 +	281.21	281.03	281.31	281.10	280.92	280.25	280.80	
Datum	08.01	01.02	04.03	29.04	27.05	01.06	29.07	10.08	19.09	01.10	13.11	31.12	
Amplitude	1.44	0.36	0.75	1.77	1.04	0.64	0.39	0.48	0.28	0.75	0.70	1.57	
Jahr 2010	Mittel	280.40 m ü.M.		Maximum	281.59 (27.Mai)		Minimum	278.89 (14.Apr)		Amplitude	2.69 m		



Periode	2003 - 2010											
Monatsmittel	280.36	280.22	280.31	280.69	280.49	280.39	280.54	280.60	280.70	280.76 +	280.20	279.87 -
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	280.42 m ü.M.		Maximum	283.62 (18.Apr 2006)		Minimum	278.29 (19.Dez 2003)		Amplitude	5.34 m	

Darstellung der letzten 8 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

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Fiechten

m ü.M.

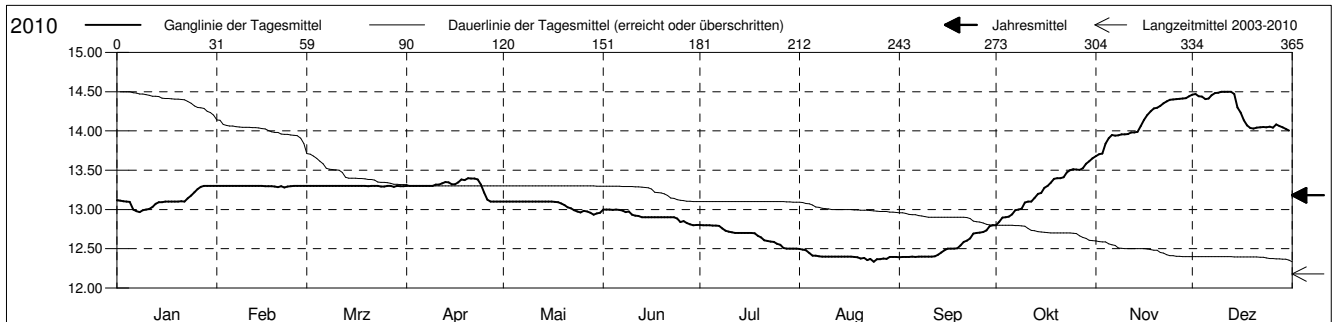
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

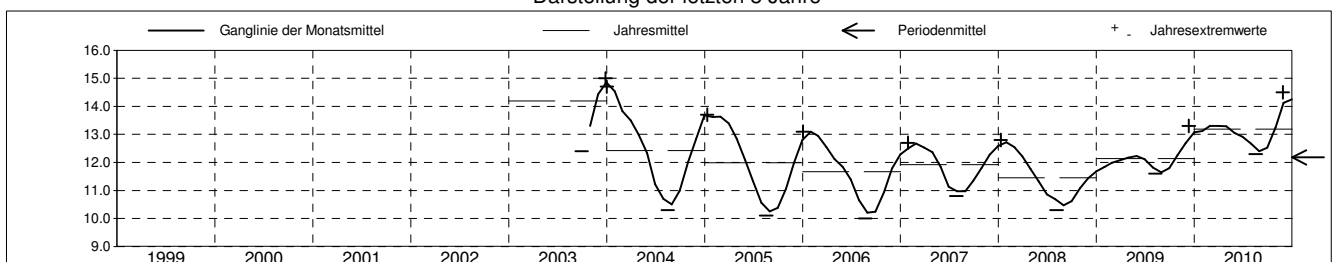
Koordinaten: 612084.13 / 259129.88

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.1	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.5 +	12.4 -	12.8 -	13.7 -	14.5 +	1
2	13.1	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.5 +	12.4 -	12.8 -	13.7 -	14.5 +	2
3	13.1	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.5 +	12.4 -	12.9	13.7 -	14.4	3
4	13.1	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.4	12.4 -	12.9	13.8	14.4	4
5	13.1	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.4	12.4 -	12.9	13.9	14.4	5
Tagesmittel													
6	13.0 -	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.4	12.4 -	12.9	13.9	14.4	6
7	13.0 -	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.4	12.4 -	13.0	13.9	14.5 +	7
8	13.0 -	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.8 +	12.4	12.4 -	13.0	13.9	14.5 +	8
9	13.0 -	13.3 +	13.3 +	13.3	13.1 +	13.0 +	12.7	12.4	12.4 -	13.0	14.0	14.5 +	9
10	13.0 -	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.4 -	13.1	14.0	14.5 +	10
11	13.0 -	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.4 -	13.1	14.0	14.5 +	11
12	13.0 -	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.4 -	13.1	14.0	14.5 +	12
13	13.1	13.3 +	13.3 +	13.4 +	13.1 +	12.9	12.7	12.4	12.4 -	13.1	14.0	14.5 +	13
14	13.1	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.5	13.2	14.0	14.5 +	14
15	13.1	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.5	13.2	14.1	14.3	15
Max. +													
16	13.1	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.5	13.3	14.1	14.2	16
17	13.1	13.3 +	13.3 +	13.3	13.1 +	12.9	12.7	12.4	12.5	13.3	14.2	14.1	17
18	13.1	13.3 +	13.3 +	13.4 +	13.1 +	12.9	12.7	12.4	12.5	13.3	14.3	14.1	18
19	13.1	13.3 +	13.3 +	13.4 +	13.1 +	12.9	12.7	12.4	12.5	13.4	14.3	14.0 -	19
20	13.1	13.3 +	13.3 +	13.4 +	13.1 +	12.9	12.6	12.4	12.5	13.4	14.3	14.0 -	20
Min. -													
21	13.1	13.3 +	13.3 +	13.4 +	13.0	12.9	12.6	12.4	12.6	13.4	14.3	14.0 -	21
22	13.1	13.3 +	13.3 +	13.4 +	13.0	12.9	12.6	12.4	12.6	13.4	14.4 +	14.0 -	22
23	13.1	13.3 +	13.3 +	13.4 +	13.0	12.9	12.6	12.4	12.6	13.5	14.4 +	14.1	23
24	13.2	13.3 +	13.3 +	13.3	13.0	12.9	12.6	12.3 -	12.7	13.5	14.4 +	14.0 -	24
25	13.2	13.3 +	13.3 +	13.2	13.0	12.8 -	12.6	12.4	12.7	13.5	14.4 +	14.1	25
26	13.3 +	13.3 +	13.3 +	13.1 -	13.0	12.9	12.6	12.4	12.7	13.5	14.4 +	14.0 -	26
27	13.3 +	13.3 +	13.3 +	13.1 -	13.0	12.8 -	12.5 -	12.4	12.7	13.5	14.4 +	14.1	27
28	13.3 +	13.3 +	13.3 +	13.1 -	13.0	12.8 -	12.5 -	12.4	12.7	13.5	14.4 +	14.1	28
29	13.3 +		13.3 +	13.1 -	12.9 -	12.8 -	12.5 -	12.4	12.8 +	13.6 +	14.4 +	14.0 -	29
30	13.3 +		13.3 +	13.1 -	12.9 -	12.8 -	12.5 -	12.4	12.8 +	13.6 +	14.4 +	14.0 -	30
31	13.3 +		13.3 +		13.0		12.5 -	12.4		13.6 +		14.0 -	31
Monatsmittel	13.1	13.3	13.3	13.3	13.1	12.9	12.7	12.4 -	12.5	13.2	14.1	14.3 +	
Maximum	13.3	13.3	13.3	13.4	13.1	13.0	12.9	12.5 -	12.8	13.7	14.5 +	14.5 +	
Datum	24.01	01.02	01.03	10.04	01.05	01.06	01.07	01.08	26.09	30.10	26.11	01.12	
Minimum	12.9	13.2	13.2	13.1	12.9	12.8	12.5	12.3 -	12.3 -	12.8	13.6	14.0 +	
Datum	07.01	16.02	20.03	25.04	23.05	24.06	23.07	18.08	01.09	01.10	01.11	17.12	
Amplitude	0.4	0.1	0.1	0.3	0.2	0.2	0.4	0.2	0.5	0.9	0.9	0.5	
Jahr 2010	Mittel	13.2 °C		Maximum	14.5 (26.Nov)		Minimum	12.3 (18.Aug)		Amplitude	2.2 °C		



Periode	2003 - 2010											
Monatsmittel	13.1	13.0	12.8	12.5	12.1	11.6	11.2	10.9 -	11.1	12.0	12.7	13.2 +
Maximum	14.7	13.9	13.7	13.4	13.1	13.0	12.9	12.5 -	12.8	14.0	14.7	15.0 +
Jahr	2004	2004	2004	2010	2010	2010	2010	2010	2010	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 +	0.9	0.8
Jahr	2004	2006	2008	2005	2004	2005	2004	2004	2004	2003	2010	2005
Periode	Mittel	12.2 °C		Maximum	15.0 (27.Dez 2003)		Minimum	10.0 (21.Aug 2006)		Amplitude	5.0 °C	

Darstellung der letzten 8 Jahre



Leitfähigkeit



Birstal

Aesch

Abstichpunkt:

OK Terrain:

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Fiechten

m ü.M.

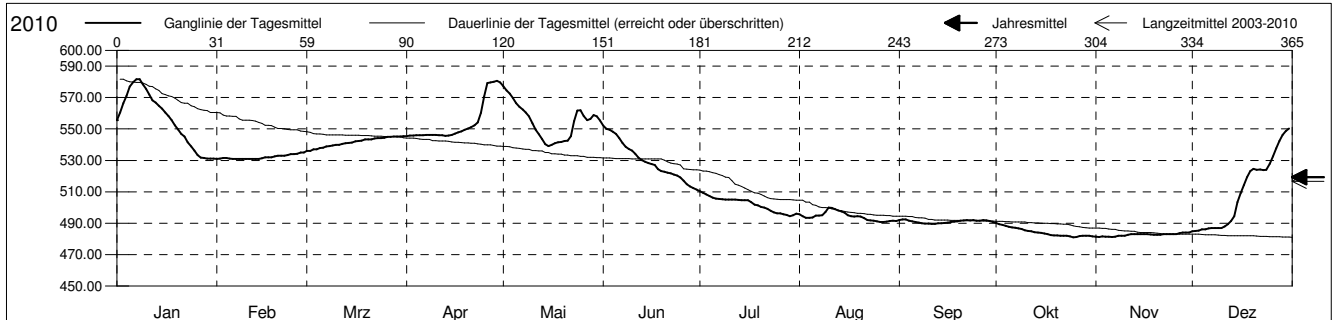
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

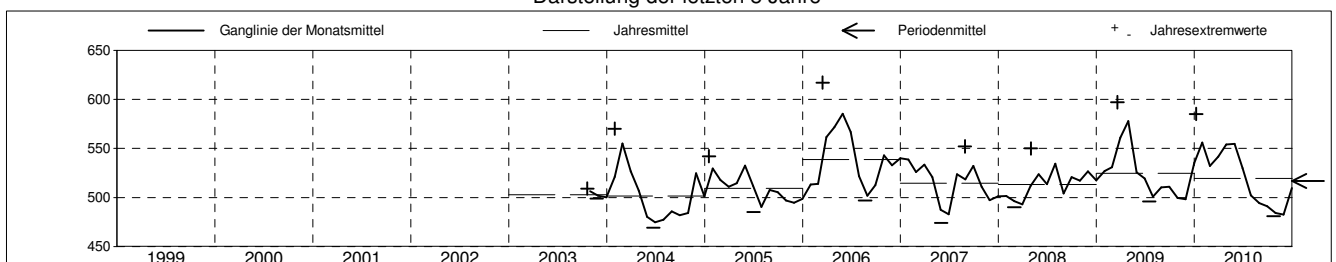
Koordinaten: 612084.13 / 259129.88

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	556	531 -	536 -	546 -	577 +	552 +	510 +	496	492 +	490 +	481 -	485 -	1
2	560	531 -	536 -	546 -	575	550	509	494	492 +	489	481 -	485 -	2
3	566	532	537	546 -	573	550	508	493	492 +	489	482	485 -	3
4	571	532	537	546 -	570	548	507	493	492 +	488	481 -	486	4
5	577	531 -	538	546 -	566	547	506	494	491	488	481 -	486	5
Tagesmittel	580	531 -	538	546 -	564	544	506	495	491	487	481 -	487	6
6	582 +	531 -	539	546 -	562	541	505	495	490 -	487	481 -	487	7
7	582 +	531 -	539	546 -	560	539	505	495	490 -	487	482	487	8
8	578	531 -	539	546 -	558	537	505	497	490 -	486	482	487	9
9	576	531 -	540	546 -	554	536	505	500 +	490 -	486	482	487	10
10	572	531 -	540	546 -	549	534	505	500 +	490 -	485	483	488	11
11	568	531 -	541	546 -	547	532	505	499	490 -	485	483	489	12
12	567	531 -	541	546 -	544	530	505	498	490 -	484	483	491	13
13	565	531 -	541	546 -	540	529	505	498	490 -	484	483	494	14
14	563	531 -	541	546 -	539 -	528	505	497	490 -	484	483	503	15
Max. +	560	532	542	547	540	528	505	495	490 -	483	483	509	16
15	558	532	542	548	541	527	503	495	491	483	483	514	17
16	556	532	543	549	542	524	502	494	491	483	483	519	18
17	552	533	543	549	542	523	501	494	491	482	483	523	19
18	550	533	543	550	542	523	500	494	492 +	482	483	525	20
Min. -	547	533	543	551	543	522	500	493	492 +	482	483	524	21
19	545	533	544	552	546	522	499	492	492 +	482	483	524	22
20	541	533	544	554	555	521	498	492	492 +	482	483	524	23
21	539	534	544	560	562	520	497	492	492 +	482	483	524	24
22	536	534	544	571	562	519	496	491 -	492 +	481 -	483	528	25
23	533	534	545 +	579	558	517	496	491 -	492 +	481 -	483	533	26
24	532	535 +	545 +	580	556	515	496	491 -	492 +	482	484 +	538	27
25	532	535 +	545 +	580	556	514	495	491 -	492 +	482	484 +	542	28
26	531 -		545 +	581 +	559	512	494 -	491 -	491	482	484 +	546	29
27	531 -		545 +	580	558	511 -	495	492	491	482	484 +	549	30
28	531 -		545 +		555		496	491 -		482		550 +	31
Monatsmittel	556 +	532	542	554	555	530	502	494	491	484	483 -	510	
Maximum	585 +	535	546	582	579	555	511	503	493	491	485 -	551	
Datum	07.01	26.02	28.03	27.04	01.05	01.06	01.07	10.08	01.09	01.10	30.11	31.12	
Minimum	530	531	536	545 +	537	511	494	489	489	481 -	481 -	484	
Datum	27.01	01.02	01.03	01.04	14.05	29.06	28.07	27.08	09.09	23.10	01.11	01.12	
Amplitude	55	4	10	37	42	44	17	14	4	10	4	67	
Jahr 2010	Mittel	519 µs/cm	Maximum	585 (07.Jan)	Minimum	481 (23.Okt)	Amplitude	104 µs/cm					



Periode	2003 - 2010											
Monatsmittel	527	525	532	537 +	527	514	507	503 -	508	505	507	513
Maximum	585	568	617 +	596	600	573	547	552	544 -	563	550	559
Jahr	2010	2004	2006	2006	2006	2006	2008	2007	2006	2006	2006	2009
Minimum	499 +	490	490	486	472	469 -	472	482	481	480	481	484
Jahr	2008	2008	2008	2004	2004	2004	2004	2004	2004	2004	2010	2010
Amplitude	65	28 -	103 +	50	60	46	40	67	46	45	48	67
Jahr	2004	2004	2006	2006	2009	2005	2006	2007	2006	2006	2008	2010
Periode	Mittel	517 µs/cm	Maximum	617 (16.Mrz 2006)	Minimum	469 (22.Jun 2004)	Amplitude	148 µs/cm				

Darstellung der letzten 8 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

