

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

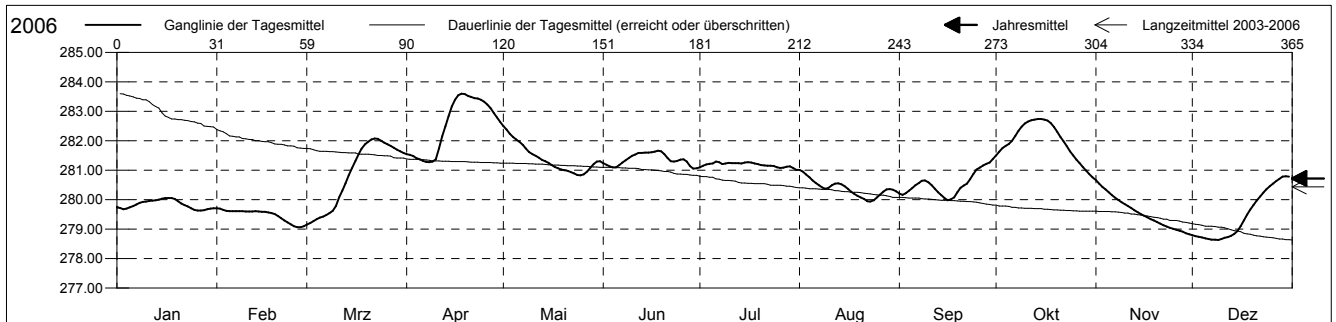
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

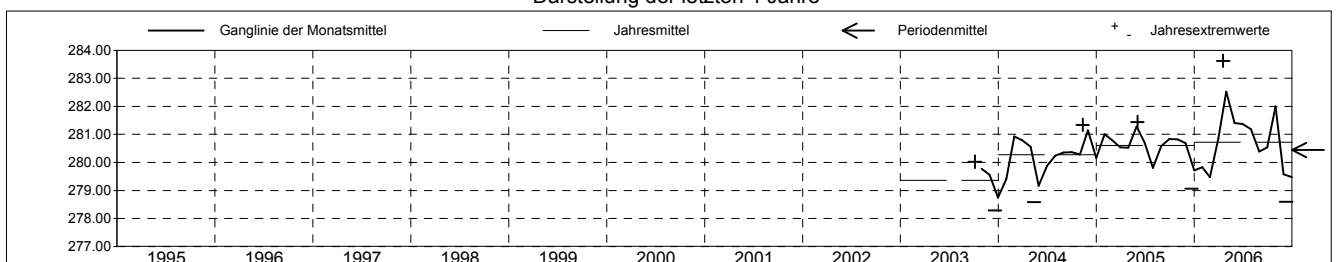
Koordinaten: 612084.13 / 259129.88

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	279.74	279.71 +	279.15 -	281.55	282.51 +	281.24	281.10	281.01 +	280.21	281.51	280.66 +	278.79	1
2	279.72	279.70	279.21	281.52	282.38	281.18	281.16	280.95	280.16	281.63	280.55	278.76	2
3	279.68	279.65	279.27	281.48	282.24	281.14	281.20	280.86	280.22	281.75	280.44	278.74	3
4	279.69	279.62	279.34	281.42	282.13	281.10	281.22	280.76	280.31	281.83	280.34	278.72	4
5	279.74	279.61	279.39	281.37	282.05	281.10	281.24	280.66	280.39	281.89	280.25	278.69	5
Tagesmittel													
6	279.79	279.61	279.43	281.31	281.97	281.17	281.30 +	280.57	280.49	282.00	280.16	278.66	6
7	279.84	279.61	279.48	281.28 -	281.86	281.26	281.27	280.49	280.57	282.16	280.07	278.64	7
8	279.89	279.61	279.55	281.28 -	281.74	281.34	281.21	280.42	280.64	282.34	279.99	278.64	8
9	279.92	279.60	279.62	281.29	281.62	281.42	281.23	280.37	280.65	282.48	279.92	278.63 -	9
10	279.94	279.59	279.79	281.37	281.55	281.49	281.25	280.41	280.59	282.59	279.85	278.66	10
11	279.96	279.60	280.07	281.74	281.49	281.54	281.25	280.49	280.49	282.66	279.78	278.71	11
12	279.97	279.60	280.31	282.16	281.42	281.58	281.24	280.54	280.38	282.69	279.71	278.73	12
13	279.98	279.61	280.56	282.50	281.35	281.59	281.24	280.55	280.26	282.72	279.64	278.77	13
14	280.00	279.60	280.82	282.84	281.30	281.60	281.23	280.52	280.15	282.74 +	279.58	278.84	14
Max. +	280.03	279.59	281.06	283.16	281.25	281.60	281.26	280.45	280.05	282.74 +	279.52	278.94	15
16	280.05	279.59	281.32	283.39	281.18	281.61	281.28	280.37	279.98 -	282.72	279.46	279.10	16
17	280.06 +	279.57	281.55	283.54	281.11	281.63	281.27	280.27	280.01	282.68	279.40	279.30	17
18	280.05	279.55	281.73	283.60 +	281.07	281.67 +	281.23	280.19	280.08	282.60	279.34	279.49	18
19	280.02	279.51	281.88	283.58	281.02	281.64	281.21	280.14	280.25	282.47	279.29	279.67	19
Min. -	279.94	279.45	281.97	283.53	281.00	281.55	281.18	280.08	280.40	282.30	279.24	279.82	20
21	279.87	279.37	282.04	283.49	280.98	281.42	281.16	280.02	280.48	282.13	279.18	279.97	21
22	279.82	279.30	282.08 +	283.45	280.94	281.31	281.16	279.95	280.55	281.98	279.13	280.11	22
23	279.77	279.23	282.07	283.43	280.89	281.30	281.16	279.93 -	280.69	281.82	279.09	280.24	23
24	279.71	279.16	282.00	283.39	280.84	281.32	281.14	279.98	280.87	281.65	279.05	280.35	24
25	279.66	279.10	281.93	283.32	280.83 -	281.36	281.10	280.07	281.03	281.51	279.01	280.45	25
26	279.63 -	279.07 -	281.88	283.23	280.86	281.38	281.08	280.17	281.09	281.36	278.98	280.55	26
27	279.63 -	279.07 -	281.83	283.11	280.96	281.29	281.09	280.27	281.17	281.24	278.95	280.63	27
28	279.65	279.10	281.76	282.95	281.09	281.15	281.12	280.35	281.22	281.11	278.91	280.71	28
29	279.67		281.70	282.79	281.21	281.05 -	281.13	280.36	281.26	280.99	278.86	280.78	29
30	279.69		281.64	282.64	281.30	281.07	281.07	280.33	281.38 +	280.87	278.83 -	280.80 +	30
31	279.71		281.58		281.30		281.01 -	280.28		280.76 -		280.79	31
Monatsmittel	279.83	279.48	280.84	282.52 +	281.40	281.37	281.19	280.38	280.53	282.00	279.57	279.47 -	
Maximum	280.09	279.74 -	282.11	283.62 +	282.55	281.69	281.33	281.04	281.44	282.77	280.69	280.83	
Datum	17.01	01.02	22.03	18.04	01.05	18.06	06.07	01.08	30.09	15.10	01.11	29.12	
Amplitude	0.50	0.72	3.01	2.38	1.76	0.68	0.35	1.15	1.50	2.06	1.89	2.24	
Jahr 2006	Mittel	280.72 m ü.M.	Maximum	283.62 (18.Apr)	Minimum	278.59 (09.Dez)	Amplitude	5.03 m					



Periode	2003 - 2006											
Monatsmittel	280.08	280.40	280.72	281.20 +	280.62	280.65	280.41	280.44	280.57	280.72	280.24	279.52 -
Maximum	281.37	281.02	282.11	283.62 +	282.55	281.69	281.33	281.04	281.44	282.77	281.34	280.99 -
Jahr	2005	2004	2006	2006	2006	2006	2006	2006	2006	2006	2004	2004
Minimum	278.86	279.02	279.10	279.60	278.59	279.57	279.14	279.89 +	279.85	279.49	278.80	278.29 -
Jahr	2004	2006	2006	2004	2004	2004	2005	2006	2003	2003	2006	2003
Amplitude	1.92	0.72 -	3.01 +	2.38	1.76	1.42	1.52	1.15	1.50	2.06	1.89	2.24
Jahr	2004	2006	2006	2006	2006	2005	2005	2006	2006	2006	2006	2006
Periode	Mittel	280.44 m ü.M.	Maximum	283.62 (18.Apr 2006)	Minimum	278.29 (19.Dez 2003)	Amplitude	5.34 m				

Darstellung der letzten 4 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

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Fiechten

m ü.M.

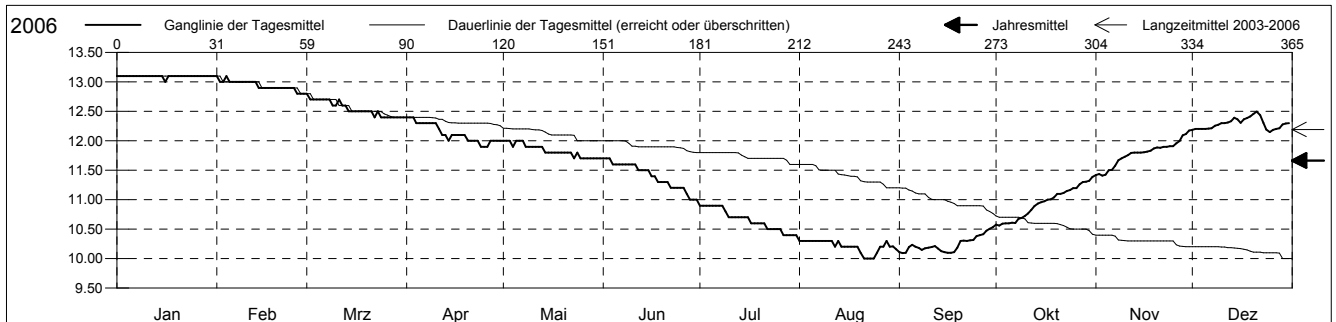
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

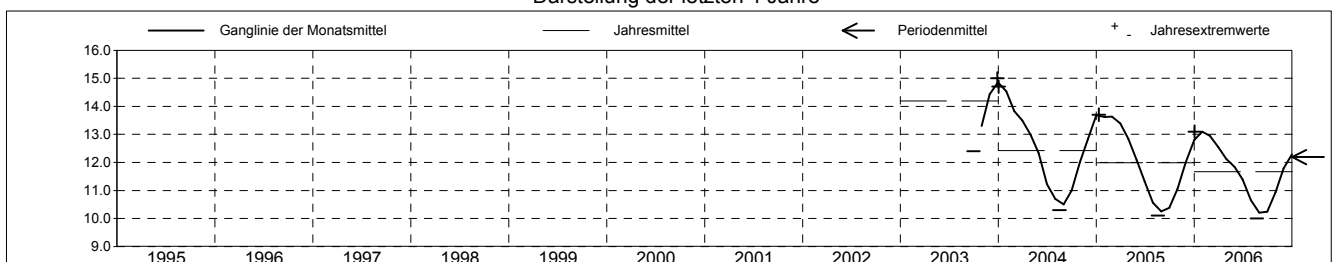
Koordinaten: 612084.13 / 259129.88

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.1 +	13.1 +	12.8 +	12.4 +	12.0 +	11.7 +	10.9 +	10.3 +	10.1 -	10.6 -	11.4 -	12.2	1
2	13.1 +	13.0	12.7	12.4 +	12.0 +	11.7 +	10.9 +	10.3 +	10.1 -	10.6 -	11.4 -	12.2	2
3	13.1 +	13.0	12.7	12.4 +	12.0 +	11.7 +	10.9 +	10.3 +	10.1 -	10.6 -	11.4 -	12.2	3
4	13.1 +	13.1 +	12.7	12.3	11.9	11.6	10.9 +	10.3 +	10.2	10.6 -	11.4 -	12.2	4
5	13.1 +	13.0	12.7	12.3	12.0 +	11.6	10.9 +	10.3 +	10.2	10.6 -	11.5	12.2	5
Tagesmittel													
6	13.1 +	13.0	12.7	12.3	12.0 +	11.6	10.9 +	10.3 +	10.2	10.6 -	11.5	12.2	6
7	13.1 +	13.0	12.7	12.3	12.0 +	11.6	10.9 +	10.3 +	10.2	10.6 -	11.6	12.2	7
8	13.1 +	13.0	12.7	12.3	11.9	11.6	10.9 +	10.3 +	10.1 -	10.7	11.7	12.3	8
9	13.1 +	13.0	12.6	12.3	11.9	11.6	10.8	10.3 +	10.2	10.7	11.7	12.3	9
10	13.1 +	13.0	12.6	12.3	11.9	11.6	10.7	10.3 +	10.2	10.7	11.7	12.3	10
11	13.1 +	13.0	12.7	12.2	11.9	11.6	10.7	10.3 +	10.2	10.8	11.8	12.3	11
12	13.1 +	13.0	12.6	12.1	11.9	11.5	10.7	10.2	10.2	10.8	11.8	12.3	12
13	13.1 +	13.0	12.6	12.1	11.9	11.5	10.7	10.3 +	10.2	10.9	11.8	12.3	13
14	13.1 +	12.9	12.5	12.0	11.8	11.5	10.7	10.2	10.1 -	10.9	11.8	12.4	14
15	13.1 +	12.9	12.5	12.1	11.8	11.5	10.7	10.2	10.1 -	11.0	11.8	12.4	15
Max. +													
16	13.0 -	12.9	12.5	12.1	11.8	11.4	10.7	10.2	10.1 -	11.0	11.8	12.3	16
17	13.1 +	12.9	12.5	12.1	11.8	11.4	10.6	10.2	10.1 -	11.0	11.8	12.4	17
18	13.1 +	12.9	12.5	12.1	11.8	11.3	10.6	10.2	10.1 -	11.0	11.8	12.4	18
19	13.1 +	12.9	12.5	12.1	11.8	11.3	10.6	10.2	10.2	11.0	11.9	12.4	19
20	13.1 +	12.9	12.5	12.0	11.8	11.3	10.6	10.1	10.3	11.1	11.9	12.5 +	20
Min. -													
21	13.1 +	12.9	12.5	12.0	11.8	11.3	10.6	10.0 -	10.3	11.1	11.9	12.5 +	21
22	13.1 +	12.9	12.4 -	12.0	11.8	11.2	10.5	10.0 -	10.3	11.1	11.9	12.4	22
23	13.1 +	12.9	12.5	12.0	11.7 -	11.2	10.5	10.0 -	10.3	11.1	11.9	12.3	23
24	13.1 +	12.9	12.4 -	11.9 -	11.8	11.2	10.5	10.0 -	10.3	11.2	11.9	12.2	24
25	13.1 +	12.9	12.4 -	11.9 -	11.7 -	11.2	10.5	10.1	10.4	11.2	11.9	12.1 -	25
26	13.1 +	12.8 -	12.4 -	11.9 -	11.7 -	11.2	10.5	10.2	10.4	11.2	12.0	12.2	26
27	13.1 +	12.8 -	12.4 -	12.0	11.7 -	11.1	10.4 -	10.2	10.4	11.3	12.0	12.2	27
28	13.1 +	12.8 -	12.4 -	12.0	11.7 -	11.0 -	10.4 -	10.3 +	10.5 +	11.3	12.1	12.2	28
29	13.1 +		12.4 -	12.0	11.7 -	11.0 -	10.4 -	10.2	10.5 +	11.3	12.1	12.3	29
30	13.1 +		12.4 -	12.0	11.7 -	11.0 -	10.4 -	10.2	10.5 +	11.3	12.2 +	12.3	30
31	13.1 +		12.4 -		11.7 -		10.4 -	10.2		11.4 +		12.3	31
Monatsmittel	13.1 +	12.9	12.5	12.1	11.8	11.4	10.7	10.2 -	10.2 -	10.9	11.8	12.3	
Maximum	13.1 +	13.1 +	12.8	12.4	12.0	11.7	10.9	10.3 -	10.6	11.4	12.2	12.5	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	01.07	01.08	29.09	29.10	29.11	19.12	
Minimum	13.0 +	12.8	12.4	11.9	11.7	11.0	10.4	10.0 -	10.0 -	10.5	11.4	12.1	
Datum	16.01	26.02	22.03	24.04	23.05	28.06	27.07	21.08	02.09	01.10	01.11	01.12	
Amplitude	0.1	0.3	0.4	0.5	0.3	0.7	0.5	0.3	0.6	0.9	0.8	0.4	
Jahr 2006	Mittel	11.7 °C		Maximum	13.1 (01.Jan)		Minimum	10.0 (21.Aug)		Amplitude	3.1 °C		



Periode	2003 - 2006											
Monatsmittel	13.7 +	13.5	13.1	12.7	12.1	11.3	10.6	10.3 -	10.5	11.8	12.8	13.4
Maximum	14.7	13.9	13.7	13.2	12.7	11.7	11.0	10.7 -	12.5	14.0	14.7	15.0 +
Jahr	2004	2004	2004	2004	2004	2004	2004	2004	2003	2003	2003	2003
Minimum	13.0 +	12.8	12.4	11.9	11.7	10.8	10.3	10.0 -	10.0 -	10.5	11.4	12.1
Jahr	2006	2006	2006	2006	2004	2005	2005	2006	2006	2006	2006	2006
Amplitude	0.8	0.3 -	0.4	0.7	1.0	0.9	0.6	0.4	0.9	1.5 +	0.8	0.8
Jahr	2004	2006	2006	2005	2004	2005	2004	2004	2004	2003	2004	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 4 Jahre



Leitfähigkeit



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

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Fiechten

m ü.M.

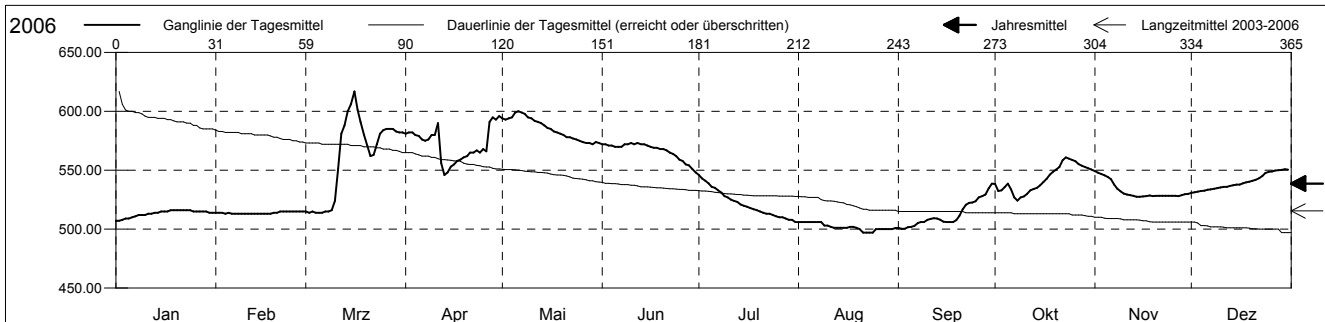
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

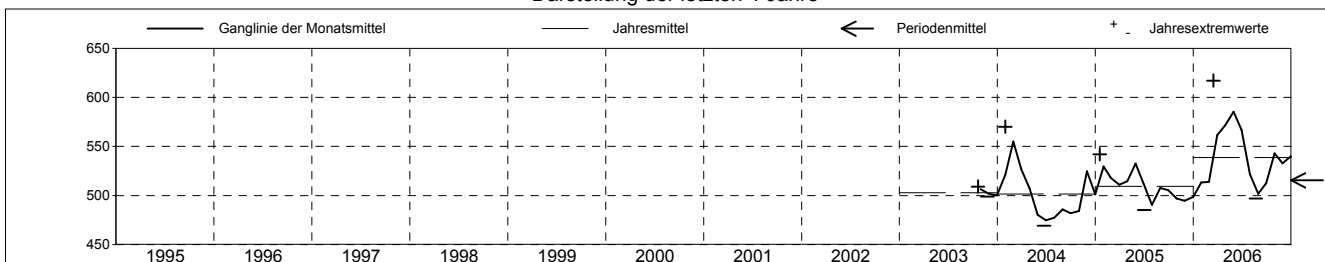
Koordinaten: 612084.13 / 259129.88

2006	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	507 -	514	515	581	594	572	546 +	506 +	501	538	549 +	531 -	1
2	507 -	514	514 -	582	593	572	543	506 +	500 -	532	548	531 -	2
3	508	514	515	582	594	571	541	506 +	500 -	533	547	532	3
4	509	513 -	514 -	580	595	571	539	506 +	502	536	546	532	4
5	509	514	514 -	579	599	570	536	506 +	502	539	544	533	5
Tagesmittel													
6	510	513 -	514 -	576	600 +	570	535	506 +	503	534	542	533	6
7	511	513 -	515	575	599	570	533	506 +	505	527	538	534	7
8	512	513 -	515	576	598	572	531	506 +	506	524 -	534	534	8
9	512	513 -	516	580	595	572	528	503	506	527	532	535	9
10	512	513 -	524	580	594	573 +	527	503	508	528	530	536	10
11	513	513 -	551	590	592	572	525	502	509	530	529	536	11
12	513	513 -	581	556	591	573 +	524	501	509	533	529	536	12
13	514	513 -	588	546 -	590	572	523	501	509	534	528 -	537	13
14	514	513 -	600	548	588	572	521	501	508	535	528 -	537	14
15	515	513 -	606	553	586	571	520	501	506	537	528 -	538	15
Max. +													
16	515	513 -	617 +	555	585	570	519	501	506	540	528 -	538	16
17	515	513 -	601	558	583	569	518	502	506	543	528 -	539	17
18	516 +	513 -	591	559	582	569	517	502	506	546	529	540	18
19	516 +	514	580	561	581	568	516	501	508	549	528 -	540	19
20	516 +	514	571	562	580	568	515	500	512	551	528 -	541	20
Min. -													
21	516 +	515 +	562	565	578	567	514	497 -	517	553	528 -	542	21
22	516 +	515 +	563	565	578	565	513	497 -	521	559	528 -	543	22
23	516 +	515 +	572	567	577	564	513	497 -	522	561 +	528 -	545	23
24	516 +	515 +	581	565	576	562	512	497 -	523	560	528 -	548	24
25	515	515 +	584	568	575	559	511	500	524	559	528 -	549	25
26	515	515 +	585	566	574	558	510	500	527	558	528 -	549	26
27	515	515 +	585	591	573	555	510	500	528	555	528 -	550	27
28	515	515 +	585	595	573	554	509	500	530	554	529	550	28
29	515		583	593	572 -	551	508	500	535	553	530	550	29
30	514		582	596 +	574	548 -	508	500	539 +	552	530	551 +	30
31	514		582		573		506 -	501		551		551 +	31
Monatsmittel	513	514	561	572	585 +	567	522	502 -	512	543	533	540	
Maximum	516	515	617 +	596	600	573	546	506 -	544	563	550	551	
Datum	18.01	21.02	16.03	30.04	06.05	10.06	01.07	01.08	30.09	23.10	01.11	28.12	
Minimum	507	513	514	546	572 +	548	506	497 -	498	518	527	530	
Datum	01.01	04.02	02.03	13.04	29.05	30.06	31.07	21.08	02.09	08.10	13.11	01.12	
Amplitude	9	2	103	50	28	25	40	9	46	45	23	21	
Jahr 2006	Mittel	539 µs/cm	Maximum	617 (16.Mrz)	Minimum	497 (21.Aug)	Amplitude	120 µs/cm					



Periode	2003 - 2006											
Monatsmittel	521	529	533 +	531	533 +	518	496 -	498	500	508	513	510
Maximum	570	568	617 +	596	600	573	546	511 -	544	563	550	551
Jahr	2004	2004	2006	2006	2006	2006	2006	2005	2006	2006	2006	2006
Minimum	505	511 +	509	486	472	469 -	472	482	481	480	494	494
Jahr	2004	2005	2005	2004	2004	2004	2004	2004	2004	2004	2005	2004
Amplitude	65	28	103 +	50	28	46	40	9 -	46	45	26	21
Jahr	2004	2004	2006	2006	2006	2005	2006	2006	2006	2006	2004	2006
Periode	Mittel	515 µs/cm	Maximum	617 (16.Mrz 2006)	Minimum	469 (22.Jun 2004)	Amplitude	148 µs/cm				

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Birstal

Station 11.J.19 Aesch

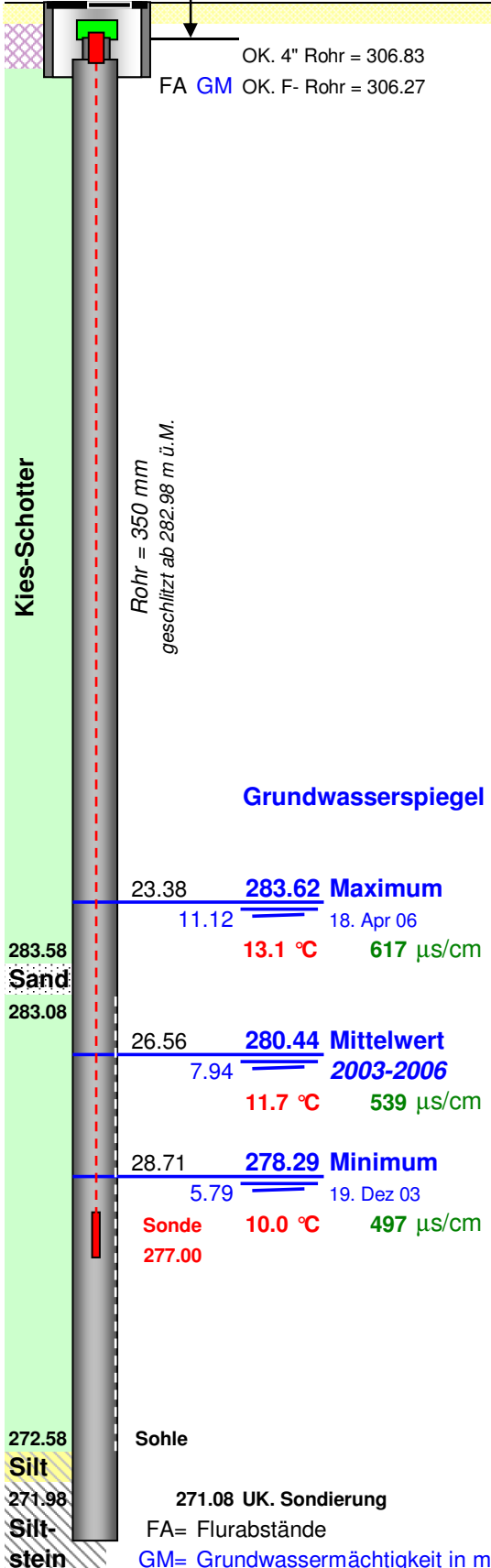
Fiechten

Koordinaten: 612'084.10 / 259'129.88

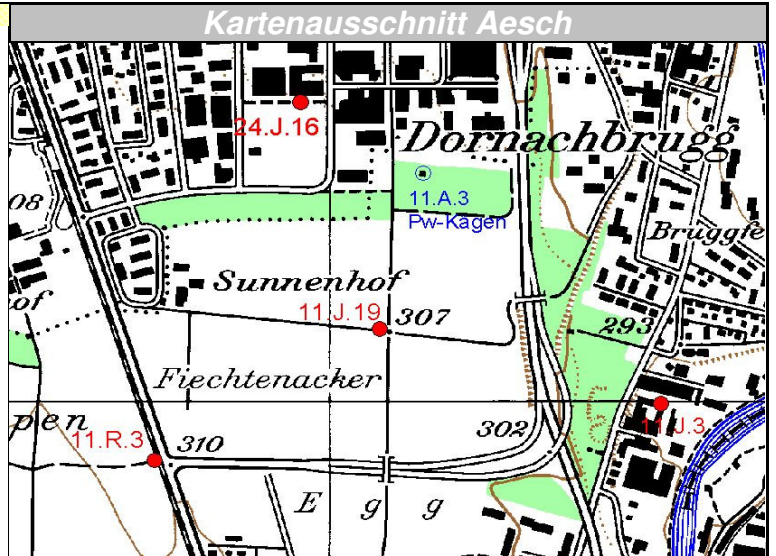
Messwerte: Grundwasserspiegel
Temperatur
Leitfähigkeit

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



Kartenausschnitt Aesch



Situationsplan Aesch

