

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

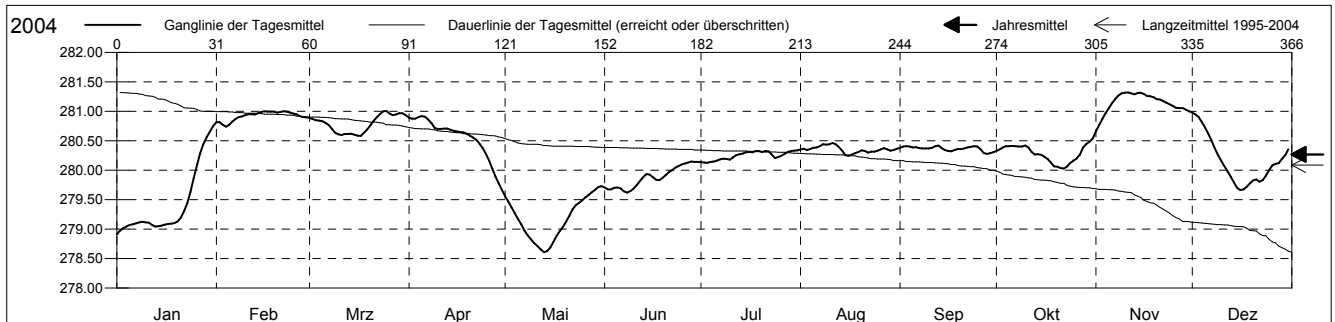
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

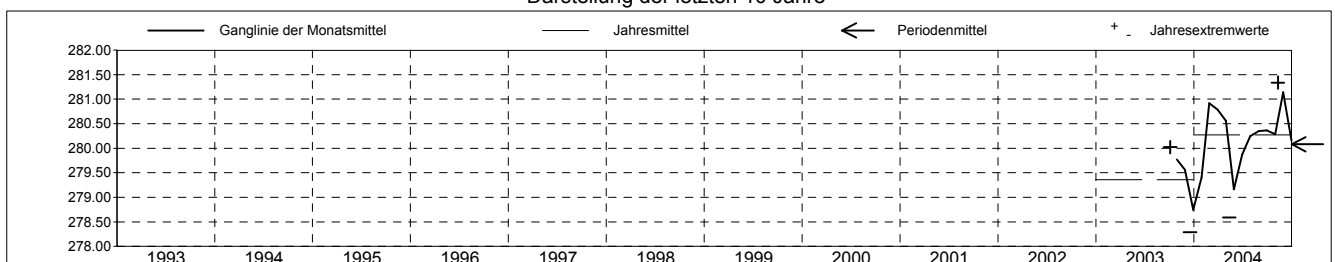
Koordinaten: 612084.13 / 259129.88

2004	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	278.92 -	280.81	280.88	280.89	279.56	279.71	280.13	280.35	280.38	280.32	280.66 -	280.98 +	1
2	278.97	280.81	280.86	280.87	279.47	279.67	280.13	280.36	280.40	280.35	280.77	280.95	2
3	279.01	280.77	280.84	280.87	279.37	279.67	280.12 -	280.34	280.41	280.39	280.87	280.90	3
4	279.04	280.74 -	280.84	280.90	279.27	279.70	280.14	280.36	280.40	280.41	280.97	280.81	4
5	279.07	280.77	280.83	280.91 +	279.17	279.71	280.15	280.38	280.38	280.41	281.05	280.72	5
Tagesmittel													
6	279.08	280.82	280.80	280.91 +	279.07	279.69	280.16	280.38	280.39	280.41	281.13	280.62	6
7	279.10	280.87	280.76	280.86	278.98	279.64	280.18	280.41	280.38	280.41	281.20	280.51	7
8	279.11	280.90	280.70	280.80	278.89	279.62 -	280.19	280.44	280.37	280.40	281.26	280.37	8
9	279.12	280.91	280.63	280.72	278.82	279.64	280.19	280.43	280.37	280.40	281.30	280.26	9
10	279.12	280.93	280.61	280.70	278.76	279.68	280.18	280.44	280.37	280.41	281.32 +	280.16	10
11	279.10	280.95	280.60	280.70	278.71	279.74	280.22	280.46 +	280.38	280.38	281.32 +	280.07	11
12	279.07	280.95	280.61	280.71	278.66	279.82	280.25	280.44	280.41	280.31	281.30	279.98	12
13	279.04	280.95	280.61	280.70	278.61 -	279.88	280.27	280.39	280.42 +	280.26	281.29	279.89	13
14	279.04	280.97	280.62	280.68	278.62	279.93	280.28	280.33	280.37	280.27	281.31	279.79	14
15	279.06	280.99	280.60	280.66	278.69	279.92	280.30	280.25	280.34	280.26	281.31	279.70	15
Max. +													
16	279.07	281.00 +	280.58 -	280.65	278.78	279.88	280.31	280.24 -	280.32	280.22	281.29	279.66 -	16
17	279.09	280.99	280.58 -	280.65	278.88	279.83	280.30	280.27	280.32	280.19	281.26	279.67	17
18	279.09	280.99	280.63	280.64	278.97	279.83	280.32	280.29	280.34	280.13	281.25	279.71	18
19	279.10	280.99	280.69	280.62	279.04	279.86	280.32	280.31	280.36	280.06	281.24	279.78	19
20	279.13	280.98	280.76	280.58	279.13	279.92	280.31	280.34	280.36	280.06	281.20	279.82	20
Min. -													
21	279.20	280.99	280.84	280.55	279.23	279.97	280.32	280.32	280.37	280.04	281.20	279.84	21
22	279.30	281.00 +	280.90	280.51	279.34	280.00	280.32	280.30	280.38	280.03 -	281.17	279.80	22
23	279.44	280.99	280.95	280.45	279.41	280.04	280.26	280.31	280.40	280.06	281.14	279.83	23
24	279.63	280.98	281.00	280.37	279.44	280.07	280.20	280.31	280.40	280.12	281.12	279.91	24
25	279.86	280.96	281.01 +	280.27	279.49	280.09	280.22	280.33	280.40	280.16	281.09	280.00	25
26	280.09	280.95	280.96	280.16	279.53	280.11	280.24	280.35	280.35	280.19	281.06	280.08	26
27	280.28	280.91	280.94	280.02	279.58	280.13	280.27	280.37	280.29	280.27	281.05	280.10	27
28	280.44	280.90	280.95	279.89	279.62	280.14 +	280.31	280.35	280.27 -	280.38	281.05	280.12	28
29	280.56	280.90	280.97	279.77	279.67	280.14 +	280.32	280.33	280.29	280.44	281.03	280.19	29
30	280.66		280.97	279.66 -	279.71	280.14 +	280.33	280.34	280.30	280.48	281.00	280.26	30
31	280.75 +		280.93		279.72 +		280.34 +	280.36		280.54 +		280.35	31
Monatsmittel	279.40	280.92	280.79	280.56	279.17 -	279.87	280.25	280.35	280.36	280.28	281.14 +	280.16	
Maximum	280.79	281.02	281.02	280.93	279.76 -	280.17	280.36	280.49	280.44	280.59	281.34 +	280.99	
Datum	31.01	22.02	25.03	05.04	31.05	28.06	31.07	11.08	13.09	31.10	10.11	01.12	
Amplitude	1.92	0.30	0.47	1.33	1.17	0.60	0.29	0.29	0.21	0.59	0.77	1.35	
Jahr 2004	Mittel	280.26 m ü.M.		Maximum	281.34 (10.Nov)		Minimum	278.59 (13.Mai)		Amplitude	2.75 m		



Periode	1995 - 2004											
Monatsmittel	279.40	280.92 +	280.79	280.56	279.17 -	279.87	280.25	280.35	280.36	280.03	280.35	279.45
Maximum	280.79	281.02	281.02	280.93	279.76 -	280.17	280.36	280.49	280.44	280.59	281.34 +	280.99
Jahr	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Minimum	278.86	280.72 +	280.55	279.60	278.59	279.57	280.08	280.20	279.85	279.49	279.31	278.29 -
Jahr	2004	2004	2004	2004	2004	2004	2004	2004	2003	2003	2003	2003
Amplitude	1.92 +	0.30	0.47	1.33	1.17	0.60	0.29	0.29	0.21 -	0.59	0.77	1.35
Jahr	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Periode	Mittel	280.08 m ü.M.		Maximum	281.34 (10.Nov 2004)		Minimum	278.29 (19.Dez 2003)		Amplitude	3.05 m	

Darstellung der letzten 10 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.19

306.83

307.08

Fiechten

m ü.M.

m ü.M.

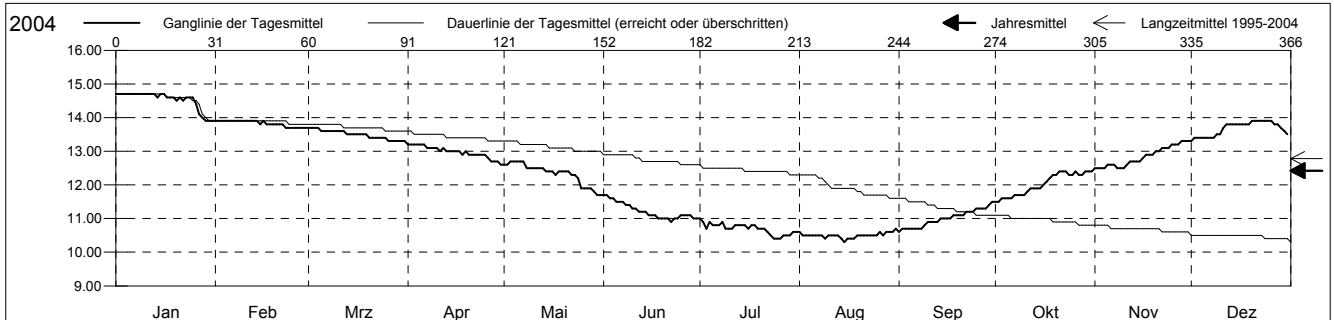
Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 612084.13 / 259129.88

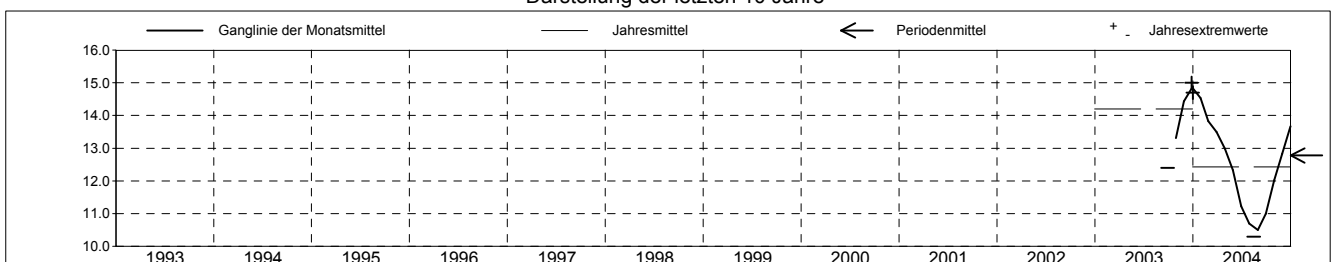
2004	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	14.7 +	13.9 +	13.7 +	13.2 +	12.6	11.7 +	11.0 +	10.6	10.6 -	11.5 -	12.5 -	13.3 -	1
2	14.7 +	13.9 +	13.7 +	13.2 +	12.6	11.7 +	10.9	10.5	10.7	11.5 -	12.5 -	13.4	2
3	14.7 +	13.9 +	13.7 +	13.2 +	12.7 +	11.6	10.7	10.5	10.7	11.6	12.5 -	13.4	3
4	14.7 +	13.9 +	13.7 +	13.2 +	12.7 +	11.6	10.9	10.5	10.7	11.6	12.5 -	13.4	4
5	14.7 +	13.9 +	13.6	13.2 +	12.7 +	11.5	10.8	10.5	10.7	11.6	12.6	13.4	5
Tagesmittel													
6	14.7 +	13.9 +	13.6	13.2 +	12.7 +	11.5	10.8	10.5	10.7	11.6	12.6	13.4	6
7	14.7 +	13.9 +	13.6	13.1	12.7 +	11.5	10.8	10.5	10.7	11.7	12.6	13.4	7
8	14.7 +	13.9 +	13.6	13.1	12.5	11.4	10.9	10.5	10.7	11.7	12.5 -	13.4	8
9	14.7 +	13.9 +	13.6	13.1	12.5	11.4	10.7	10.4	10.8	11.7	12.5 -	13.5	9
10	14.7 +	13.9 +	13.6	13.1	12.5	11.3	10.7	10.5	10.9	11.7	12.5 -	13.5	10
11	14.7 +	13.9 +	13.6	13.0	12.5	11.3	10.7	10.5	10.9	11.8	12.6	13.7	11
12	14.7 +	13.9 +	13.6	13.1	12.5	11.2	10.8	10.5	10.9	11.9	12.7	13.8	12
13	14.7 +	13.9 +	13.5	13.0	12.5	11.2	10.8	10.5	10.9	11.9	12.7	13.8	13
14	14.6	13.9 +	13.5	13.0	12.4	11.2	10.8	10.4	11.0	11.9	12.7	13.8	14
Max. +	14.7 +	13.8	13.5	13.0	12.4	11.1	10.8	10.3 -	11.0	11.9	12.7	13.8	15
16	14.7 +	13.9 +	13.5	13.0	12.4	11.1	10.7	10.4	11.0	12.0	12.8	13.8	16
17	14.6	13.8	13.5	13.0	12.3	11.1	10.8	10.4	11.0	12.1	12.9	13.8	17
18	14.6	13.8	13.5	12.9	12.4	11.0	10.8	10.4	11.1	12.2	12.9	13.8	18
19	14.6	13.8	13.5	13.0	12.4	11.0	10.7	10.5	11.1	12.3	12.9	13.8	19
Min. -	14.5	13.8	13.4	12.9	12.4	11.0	10.7	10.5	11.1	12.3	13.0	13.9 +	20
21	14.6	13.8	13.4	12.9	12.4	11.0	10.7	10.5	11.1	12.4 +	13.0	13.9 +	21
22	14.5	13.8	13.4	12.9	12.3	10.9 -	10.6	10.5	11.2	12.4 +	13.1	13.9 +	22
23	14.6	13.7 -	13.4	12.9	12.3	11.0	10.5	10.5	11.2	12.4 +	13.1	13.9 +	23
24	14.6	13.7 -	13.4	12.9	12.2	11.0	10.4 -	10.5	11.2	12.3	13.1	13.9 +	24
25	14.6	13.7 -	13.4	12.9	11.9	11.1	10.4 -	10.5	11.3	12.3	13.2	13.9 +	25
26	14.4	13.7 -	13.3 -	12.8	11.9	11.1	10.4 -	10.6	11.3	12.4 +	13.2	13.9 +	26
27	14.1	13.7 -	13.3 -	12.7	11.9	11.1	10.5	10.5	11.3	12.3	13.2	13.9 +	27
28	14.0	13.7 -	13.3 -	12.7	11.9	11.1	10.5	10.6	11.3	12.3	13.3 +	13.8	28
29	13.9 -	13.7 -	13.3 -	12.7	11.8	11.0	10.5	10.6	11.4	12.4 +	13.3 +	13.7	29
30	13.9 -		13.3 -	12.6 -	11.7 -	11.0	10.6	10.6	11.5 +	12.4 +	13.3 +	13.6	30
31	13.9 -		13.3 -		11.7 -		10.6	10.7 +		12.4 +		13.5	31
Monatsmittel	14.5 +	13.8	13.5	13.0	12.3	11.2	10.7	10.5 -	11.0	12.0	12.8	13.7	
Maximum	14.7 +	13.9	13.7	13.2	12.7	11.7	11.0	10.7 -	11.5	12.4	13.3	13.9	
Datum	01.01	01.02	01.03	01.04	03.05	01.06	01.07	31.08	30.09	21.10	28.11	20.12	
Minimum	13.9 +	13.7	13.3	12.6	11.7	10.9	10.4	10.3 -	10.6	11.5	12.5	13.3	
Datum	29.01	23.02	26.03	30.04	30.05	22.06	24.07	15.08	01.09	01.10	01.11	01.12	
Amplitude	0.8	0.2	0.4	0.6	1.0	0.8	0.6	0.4	0.9	0.9	0.8	0.6	

Jahr 2004 Mittel 12.4 °C Maximum 13.9 (20.Dez) Minimum 10.3 (15.Aug) Amplitude 3.6 °C



Periode	1995 - 2004											
Monatsmittel	14.5 +	13.8	13.5	13.0	12.3	11.2	10.7	10.5 -	11.0	12.7	13.6	14.3
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	13.9 +	13.7	13.3	12.6	11.7	10.9	10.4	10.3 -	10.6	11.5	12.5	13.3
Jahr	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Amplitude	0.8	0.2 -	0.4	0.6	1.0	0.8	0.6	0.4	0.9	1.5 +	0.8	0.6
Jahr	2004	2004	2004	2004	2004	2004	2004	2004	2004	2003	2004	2004
Periode	Mittel	12.8 °C	Maximum	15.0 (27.Dez 2003)	Minimum	10.3 (15.Aug 2004)	Amplitude	4.7 °C				

Darstellung der letzten 10 Jahre



Grundwasserspiegel im Birstal

Station 11.J.19 Aesch

Fiechten

Koordinaten: 612'084.10 / 259'129.88

Messwerte

Wasserspiegel

Temperatur

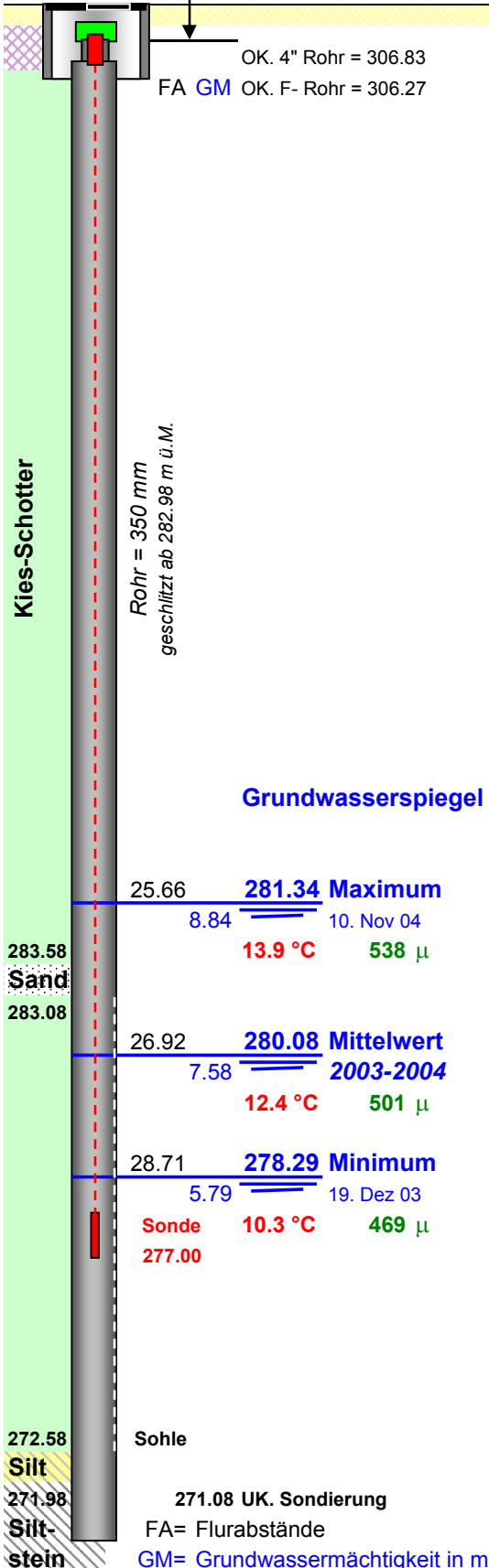
Leitfähigkeit

OK. Abstich
306.83 m ü.M.

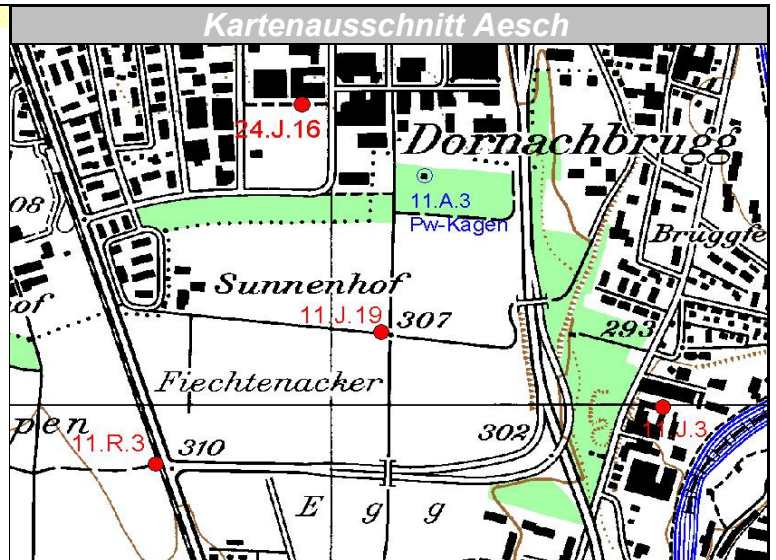
OK. Schacht
307.12 m ü.M.

OK. Terrain
307.08 m ü.M.

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



Kartenausschnitt Aesch



Situationsplan Aesch

