

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.3

289.94

289.93

Pentapharm

m ü.M.

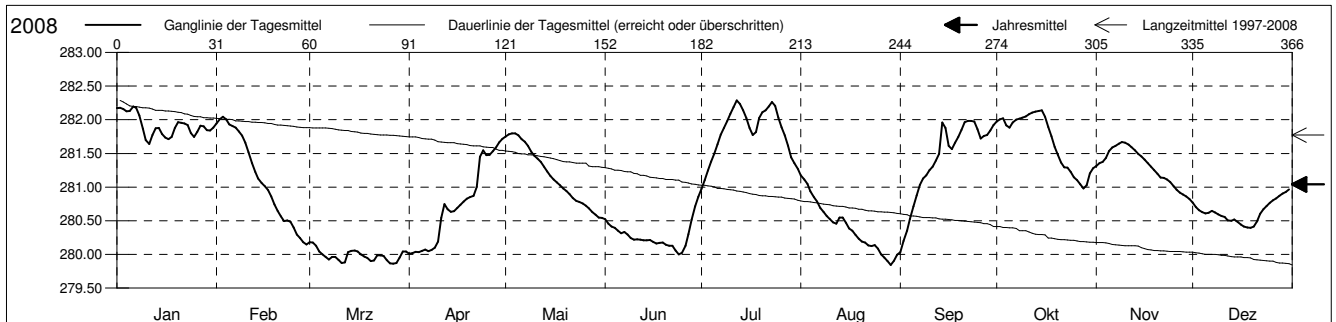
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

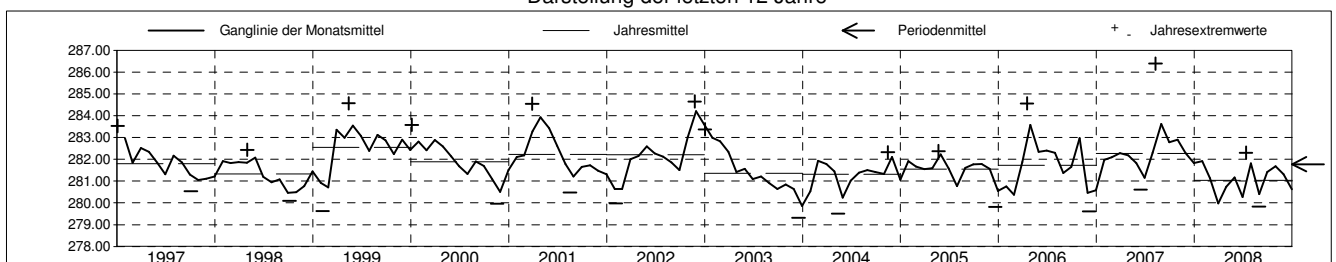
Koordinaten: 612556.38 / 258994.64

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	282.17	281.94	280.18 +	280.01 -	281.75	280.52	280.97 -	281.18 +	280.04 -	281.97	281.31	280.77	1
2	282.18	282.00	280.18 +	280.02	281.78	280.45	281.10	281.11	280.20	282.01	281.36	280.70	2
3	282.16	282.04 +	280.13	280.04	281.80 +	280.41	281.25	281.04	280.35	282.02	281.38	280.66	3
4	282.13	282.01	280.04	280.04	281.80 +	280.39	281.38	280.94	280.53	281.92	281.43	280.63	4
5	282.13	281.93	280.00	280.05	281.77	280.35	281.50	280.85	280.71	281.88	281.53	280.61	5
6	282.19 +	281.91	279.96	280.07	281.71	280.31	281.64	280.79	280.88	281.96	281.59	280.62	6
7	282.18	281.88	279.92	280.05	281.67	280.33	281.78	280.69	281.03	282.00	281.61	280.65	7
8	282.06	281.83	279.96	280.07	281.61	280.29	281.88	280.63	281.13	282.02	281.65	280.63	8
9	281.87	281.76	279.96	280.10	281.53	280.24	281.98	280.57	281.17	282.03	281.67 +	280.59	9
10	281.70	281.66	279.92	280.19	281.46	280.22	282.09	280.52	281.25	282.05	281.66	280.57	10
11	281.64 -	281.52	279.87	280.54	281.42	280.22	282.19	280.48	281.30	282.08	281.63	280.56	11
12	281.77	281.36	279.88	280.75	281.38	280.22	282.29 +	280.45	281.39	282.11	281.59	280.51	12
13	281.87	281.23	280.03	280.67	281.31	280.21	282.23	280.55	281.49	282.12	281.54	280.50	13
14	281.88	281.13	280.05	280.63	281.23	280.21	282.14	280.55	281.96	282.13	281.50	280.52	14
15	281.79	281.06	280.06	280.64	281.17	280.21	282.03	280.47	281.88	282.14 +	281.45	280.48	15
16	281.73	281.01	280.04	280.69	281.11	280.18	281.88	280.39	281.61	282.05	281.41	280.44	16
17	281.71	280.96	280.00	280.74	281.07	280.16	281.77	280.35	281.56	281.89	281.35	280.41	17
18	281.75	280.86	279.97	280.78	281.03	280.17	281.81	280.29	281.66	281.75	281.30	280.40	18
19	281.88	280.74	279.95	280.83	280.98	280.18	282.03	280.23	281.75	281.60	281.25	280.39 -	19
20	281.96	280.65	279.90	280.85	280.94	280.14	282.11	280.19	281.85	281.48	281.20	280.41	20
21	281.96	280.56	279.91	280.87	280.89	280.13	282.14	280.17	281.96	281.37	281.14	280.49	21
22	281.94	280.50	279.99	281.00	280.84	280.13	282.20	280.13	281.98 +	281.30	281.13	280.60	22
23	281.92	280.50	279.99	281.45	280.80	280.06	282.26	280.12	281.98 +	281.29	281.11	280.67	23
24	281.80	280.49	279.98	281.55	280.78	280.00 -	282.20	280.14	281.97	281.23	281.07	280.72	24
25	281.75	280.40	279.92	281.47	280.75	280.02	282.03	280.09	281.86	281.15	281.02	280.76	25
26	281.82	280.30	279.86 -	281.48	280.72	280.13	281.89	280.00	281.72	281.10	280.96	280.80	26
27	281.91	280.24	279.86 -	281.53	280.69	280.30	281.77	279.95	281.76	281.04	280.92	280.83	27
28	281.90	280.18	279.87	281.59	280.63	280.51	281.62	279.90	281.78	280.98 -	280.89	280.87	28
29	281.84	280.15 -	279.95	281.66	280.59	280.71	281.44	279.84 -	281.84	281.03	280.86	280.90	29
30	281.84		280.04	281.72 +	280.55	280.86 +	281.36	279.91	281.92	281.20	280.82 -	280.93	30
31	281.88		280.04		280.54 -		281.27	280.00		281.28		280.96 +	31
Monatsmittel	281.91 +	281.13	279.98 -	280.74	281.17	280.28	281.81	280.40	281.42	281.68	281.31	280.63	
Maximum	282.27	282.07	280.20 -	281.74	281.81	280.91	282.30 +	281.21	282.14	282.15	281.68	281.01	
Datum	06.01	03.02	01.03	30.04	03.05	30.06	12.07	01.08	14.09	14.10	09.11	31.12	
Amplitude	0.66	1.94	0.35	1.75	1.28	0.92	1.39	1.38	2.13	1.18	0.87	0.63	
Jahr 2008	Mittel	281.04 m ü.M.	Maximum	282.30 (12.Jul)	Minimum	279.83 (29.Aug)	Amplitude	2.48 m					



Periode	1997 - 2008											
Monatsmittel	281.79	281.64	282.14	282.23 +	282.08	281.64	281.71	281.70	281.60	281.76	281.61	281.34 -
Maximum	283.58	283.02 -	284.55	284.56	284.57	283.49	283.39	286.39 +	283.28	284.31	284.65	284.57
Jahr	2000	2003	2001	2006	1999	1999	1999	2007	1999	2002	2002	2002
Minimum	279.83	279.63	279.85	279.99	279.52	279.99	279.95	279.83	279.93	280.10 +	279.70	279.32 -
Jahr	1999	1999	2008	2008	2004	2008	2005	2008	2003	1998	2006	2003
Amplitude	1.68	3.04	3.03	2.38	1.93	1.57 -	1.86	4.00 +	2.13	2.35	1.90	2.33
Jahr	2004	1999	2006	2006	1999	2007	2005	2007	2008	2002	2006	2006
Periode	Mittel	281.77 m ü.M.	Maximum	286.39 (09.Aug 2007)	Minimum	279.32 (17.Dez 2003)	Amplitude	7.07 m				

Darstellung der letzten 12 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.3

289.94

289.93

Pentapharm

m ü.M.

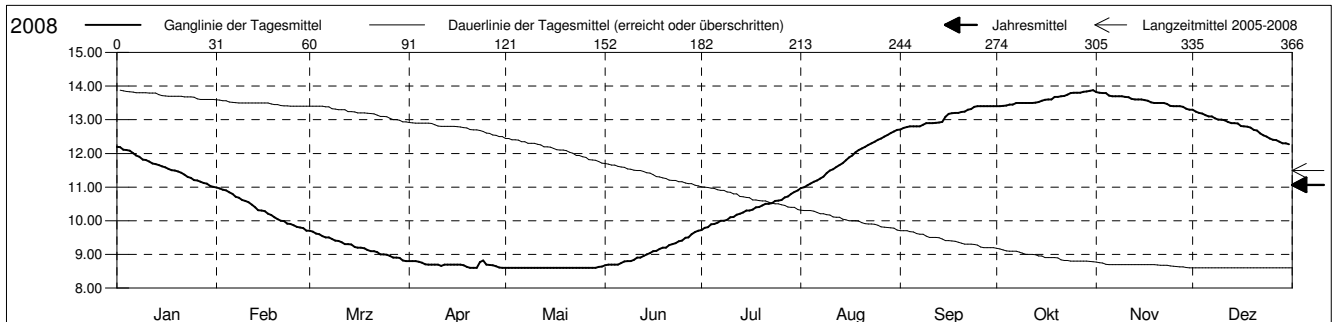
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

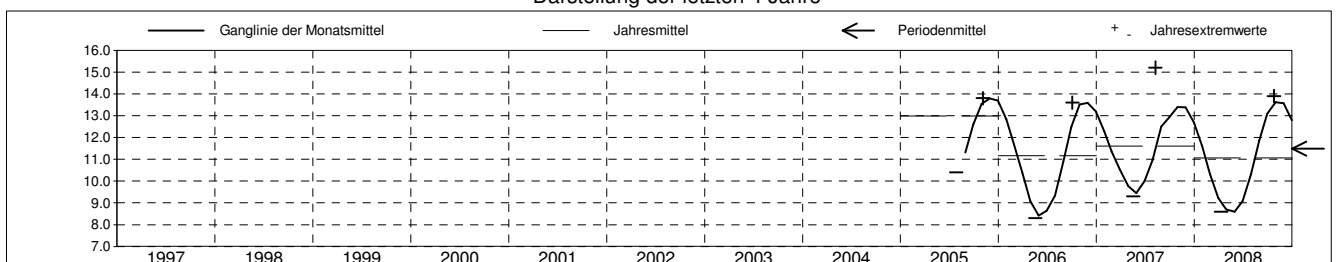
Koordinaten: 612556.38 / 258994.64

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.2 +	11.0 +	9.7 +	8.8 +	8.6 +	8.7 -	9.7 -	11.0 -	12.7 -	13.4 -	13.8 +	13.3 +	1
2	12.2 +	11.0 +	9.7 +	8.8 +	8.6 +	8.7 -	9.8	11.0 -	12.8	13.4 -	13.8 +	13.2	2
3	12.1	10.9	9.6	8.8 +	8.6 +	8.7 -	9.8	11.1	12.8	13.4 -	13.8 +	13.2	3
4	12.1	10.9	9.6	8.8 +	8.6 +	8.7 -	9.9	11.1	12.8	13.4 -	13.8 +	13.2	4
5	12.1	10.8	9.5	8.8 +	8.6 +	8.7 -	9.9	11.2	12.8	13.4 -	13.7	13.1	5
Tagesmittel													
6	12.0	10.8	9.5	8.7	8.6 +	8.7 -	9.9	11.2	12.8	13.4 -	13.7	13.1	6
7	11.9	10.7	9.5	8.7	8.6 +	8.8	10.0	11.3	12.8	13.5	13.7	13.1	7
8	11.9	10.7	9.5	8.7	8.6 +	8.8	10.0	11.3	12.9	13.5	13.7	13.0	8
9	11.8	10.6	9.4	8.7	8.6 +	8.8	10.0	11.4	12.9	13.5	13.7	13.0	9
10	11.8	10.6	9.4	8.7	8.6 +	8.8	10.1	11.5	12.9	13.5	13.7	13.0	10
11	11.8	10.5	9.4	8.7	8.6 +	8.9	10.1	11.5	12.9	13.5	13.7	13.0	11
12	11.7	10.5	9.3	8.7	8.6 +	8.9	10.2	11.6	12.9	13.5	13.6	12.9	12
13	11.7	10.4	9.3	8.7	8.6 +	8.9	10.2	11.6	12.9	13.5	13.6	12.9	13
14	11.6	10.3	9.3	8.7	8.6 +	9.0	10.2	11.7	12.9	13.5	13.6	12.9	14
15	11.6	10.3	9.2	8.7	8.6 +	9.0	10.3	11.8	13.1	13.6	13.6	12.9	15
Max. +													
16	11.6	10.3	9.2	8.7	8.6 +	9.1	10.3	11.9	13.2	13.6	13.6	12.8	16
17	11.5	10.2	9.2	8.7	8.6 +	9.1	10.3	11.9	13.2	13.6	13.6	12.8	17
18	11.5	10.2	9.2	8.7	8.6 +	9.2	10.4	12.0	13.2	13.6	13.5	12.8	18
19	11.5	10.1	9.1	8.6 -	8.6 +	9.2	10.4	12.1	13.2	13.7	13.5	12.8	19
20	11.5	10.0	9.1	8.6 -	8.6 +	9.2	10.5	12.1	13.2	13.7	13.5	12.7	20
Min. -													
21	11.4	10.0	9.1	8.6 -	8.6 +	9.3	10.5	12.2	13.2	13.7	13.5	12.7	21
22	11.4	10.0	9.1	8.6 -	8.6 +	9.3	10.5	12.3	13.3	13.7	13.5	12.6	22
23	11.3	9.9	9.0	8.8 +	8.6 +	9.3	10.5	12.3	13.3	13.8	13.5	12.5	23
24	11.3	9.9	9.0	8.8 +	8.6 +	9.4	10.6	12.4	13.4 +	13.8	13.4	12.5	24
25	11.2	9.9	9.0	8.7	8.6 +	9.4	10.6	12.4	13.4 +	13.8	13.4	12.4	25
26	11.2	9.8	8.9	8.7	8.6 +	9.5	10.6	12.4	13.4 +	13.8	13.4	12.4	26
27	11.2	9.8	8.9	8.7	8.6 +	9.5	10.7	12.5	13.4 +	13.8	13.4	12.4	27
28	11.1	9.8	8.9	8.6 -	8.6 +	9.6	10.7	12.5	13.4 +	13.8	13.4	12.4	28
29	11.1	9.7 -	8.9	8.6 -	8.6 +	9.7 +	10.8	12.6	13.4 +	13.8	13.3 -	12.3 -	29
30	11.0 -		8.8 -	8.6 -	8.6 +	9.7 +	10.9 +	12.7 +	13.4 +	13.9 +	13.3 -	12.3 -	30
31	11.0 -		8.8 -		8.6 +		10.9 +	12.7 +		13.9 +		12.3 -	31
Monatsmittel	11.6	10.3	9.2	8.7	8.6 -	9.1	10.3	11.8	13.1	13.6 +	13.6 +	12.8	
Maximum	12.2	11.0	9.7	8.9	8.7 -	9.7	10.9	12.7	13.4	13.9 +	13.9 +	13.3	
Datum	01.01	01.02	01.03	23.04	01.05	29.06	30.07	29.08	23.09	24.10	01.11	01.12	
Minimum	11.0	9.7	8.8	8.6 -	8.6 -	8.6 -	9.7	10.9	12.7	13.4 +	13.3	12.2	
Datum	30.01	28.02	29.03	10.04	01.05	01.06	01.07	01.08	01.09	01.10	28.11	31.12	
Amplitude	1.2	1.3	0.9	0.3	0.1	1.1	1.2	1.8	0.7	0.5	0.6	1.1	
Jahr 2008	Mittel	11.1 °C		Maximum	13.9 (24.Okt)		Minimum	8.6 (10.Apr)		Amplitude		5.3 °C	



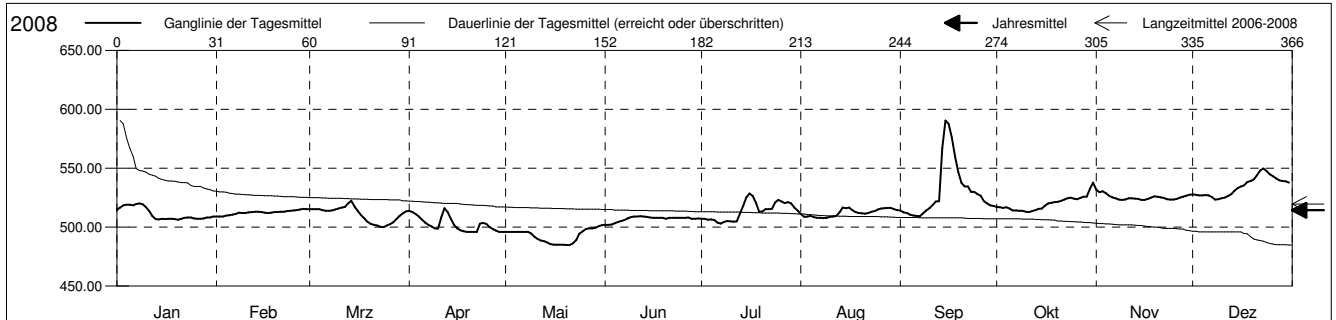
2005 - 2008												
Monatsmittel	12.2	11.1	10.0	9.2	8.8 -	9.2	10.2	11.6	12.8	13.5	13.6 +	13.1
Maximum	13.3	12.2	11.6	10.7	9.7 -	10.5	11.4	15.2 +	13.4	13.9	13.9	13.8
Jahr	2006	2006	2006	2006	2007	2007	2007	2007	2008	2008	2008	2005
Minimum	11.0	9.7	8.8	8.5	8.3 -	8.4	9.0	9.8	11.8	13.1 +	13.1 +	12.2
Jahr	2008	2008	2008	2006	2006	2006	2006	2006	2006	2005	2007	2007
Amplitude	1.2	1.3	2.1	2.2	0.4 -	1.1	1.2	3.8 +	1.4	0.6	0.6	1.1
Jahr	2008	2008	2006	2006	2007	2008	2008	2007	2006	2005	2008	2008
Periode	Mittel	11.5 °C		Maximum	15.2 (09.Aug 2007)		Minimum	8.3 (18.Mai 2006)		Amplitude		6.9 °C

Darstellung der letzten 4 Jahre



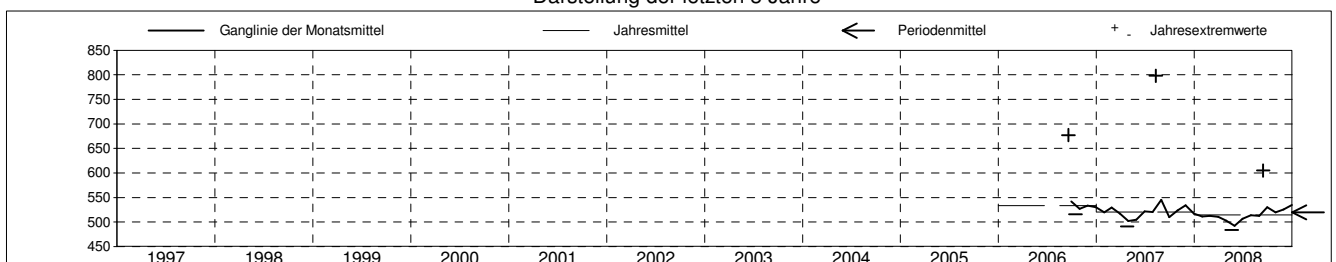


2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	515	509 -	515	514	496	502 -	507	511	514	517	532 +	528	1
2	517	509 -	515	513	496	502 -	507	509	512	517	530	528	2
3	518	509 -	515	511	496	502 -	506	509	512	516	530	527	3
4	519	510	515	509	496	503	507	510	511	517	529	527	4
5	519	510	514	506	496	504	506	508 -	510	516	527	527	5
Tagesmittel													
6	519	511	514	504	496	505	504	508 -	510	514	525	527	6
7	520 +	511	514	502	496	506	503 -	508 -	509 -	514	525	526	7
8	520 +	512	514	501	496	507	504	508 -	512	514	523 -	524 -	8
9	519	512	515	499	495	508	505	508 -	514	514	523 -	524 -	9
10	517	512	516	499	492	509 +	505	509	516	513 -	524	525	10
11	514	512	517	508	490	509 +	505	509	519	513 -	524	525	11
12	509	513	517	516 +	489	509 +	505	510	522	514	524	526	12
13	507	513	520	513	488	509 +	511	513	522	514	524	528	13
14	507	513	522 +	507	487	509 +	518	517 +	567	515	524	531	14
15	507	513	517	502	486	508	525	516	591 +	516	523 -	533	15
Max. +													
16	507	512	514	499	485 -	508	529 +	517 +	588	518	523 -	534	16
17	507	512	510	497	485 -	508	526	514	576	520	524	536	17
18	507	512	507	496 -	485 -	508	521	513	560	521	525	538	18
19	507	513	505	496 -	485 -	508	513	512	547	521	526	539	19
20	506 -	513	503	496 -	485 -	507	513	512	538	522	526	541	20
Min. -													
21	507	513	502	496 -	485 -	508	515	512	535	522	525	544	21
22	508	513	501	496 -	486	508	515	512	535	524	525	548	22
23	508	514	500 -	503	489	508	515	513	530	525	524	550 +	23
24	508	514	500 -	504	494	508	521	514	530	525	524	547	24
25	507	514	501	503	497	508	523	515	528	524	523 -	545	25
26	507	515	502	500	498	508	522	516	527	524	524	543	26
27	507	515	504	498	499	508	520	516	522	525	525	541	27
28	507	516 +	507	497	499	507	521	516	520	526	526	540	28
29	508	515	510	496 -	500	507	520	516	519	526	527	539	29
30	508		512	496 -	501	507	517	515	518	532	527	539	30
31	509		514		502 +		514	514		538 +		538	31
Monatsmittel	511	512	511	503	493 -	507	514	512	530	520	525	534 +	
Maximum	523	516	527	517	503 -	510	531	520	605 +	539	534	556	
Datum	07.01	28.02	14.03	11.04	30.05	12.06	15.07	25.08	14.09	30.10	01.11	22.12	
Minimum	506	509	500	495	484 -	502	503	507	509	512	522 +	522 +	
Datum	13.01	01.02	23.03	30.04	20.05	01.06	06.07	06.08	05.09	11.10	16.11	09.12	
Amplitude	17	7	27	22	19	8	28	13	96	27	12	34	
Jahr 2008	Mittel	514		Maximum	605 (14.Sep)		Minimum	484 (20.Mai)		Amplitude	121		



Periode	2006 - 2008											
Monatsmittel	515	521	514	502	499 -	514	517	529	528	523	531 +	527
Maximum	530	539	539	523	516 -	544	531	798 +	677	555	549	556
Jahr	2007	2007	2007	2007	2007	2007	2008	2007	2006	2006	2007	2008
Minimum	506	509	500	491	484 -	502	503	506	504	509	522 +	509
Jahr	2008	2008	2008	2007	2008	2008	2008	2007	2007	2007	2008	2007
Amplitude	17 -	18	31	32	19	39	28	292 +	155	39	21	34
Jahr	2007	2007	2007	2007	2007	2007	2008	2007	2006	2006	2007	2008
Periode	Mittel	520		Maximum	798 (11.Aug 2007)		Minimum	484 (20.Mai 2008)		Amplitude	314	

Darstellung der letzten 3 Jahre



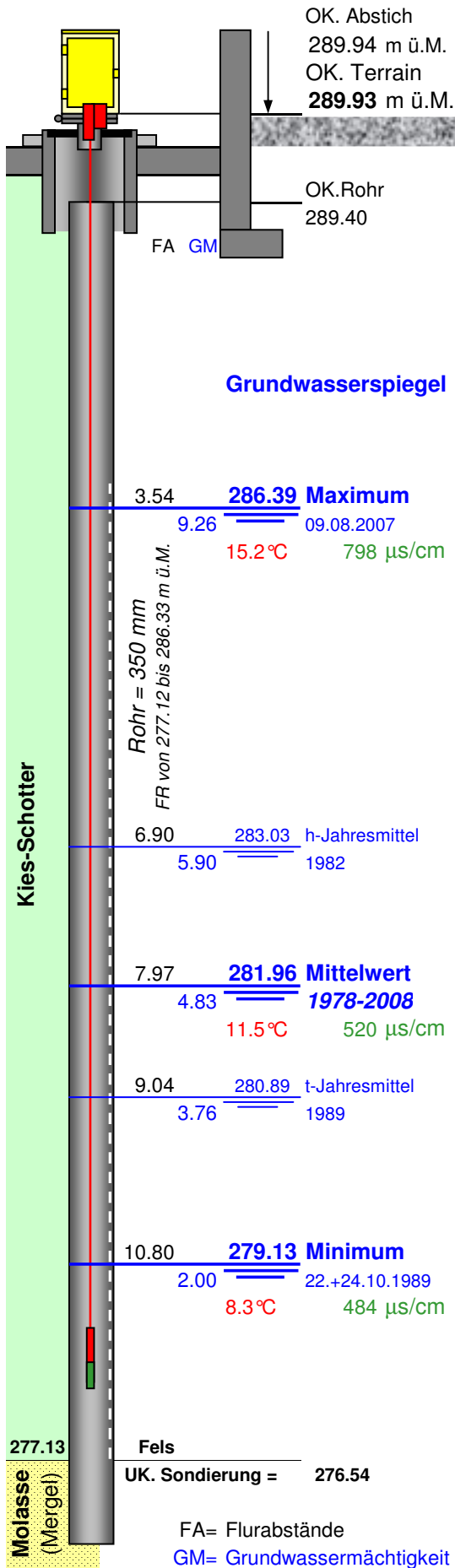
Grundwasserspiegel im Birstal

Station 11.J.3 Aesch

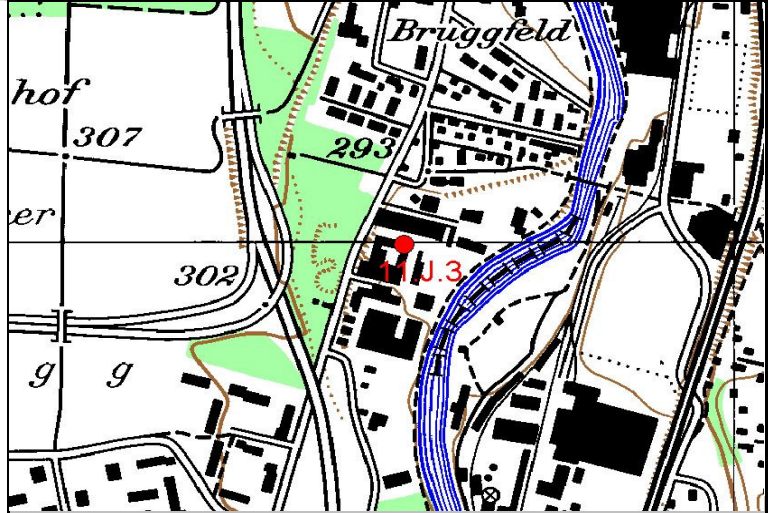
Pentapharm

Koordinaten: 612'556.36 / 258'994.64

Messwerte: Grundwasserspiegel
Temperatur
Leitfähigkeit



Kartenausschnitt Aesch



Situationsplan Aesch

