

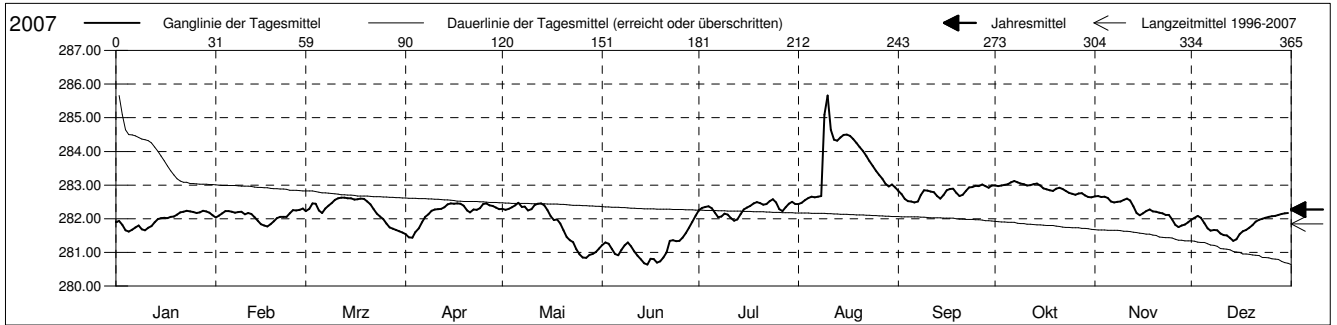
**Grundwasserstände**



Birstal  
 Aesch 11.J.3 Pentapharm  
 Abstichpunkt: 289.94 m ü.M.  
 OK Terrain: 289.93 m ü.M.

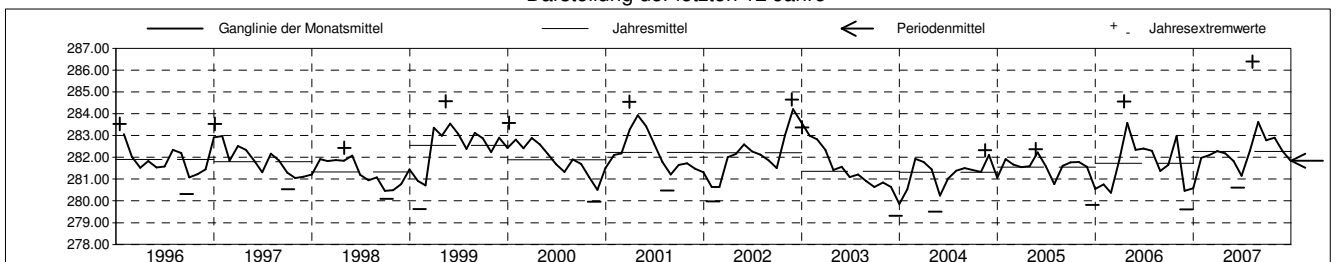
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 612556.38 / 258994.64

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	281.90	282.04	282.23	281.54	282.29	281.22	282.26	282.44 -	282.82	282.99	282.66	281.97	1
2	281.93	282.09	282.30	281.45	282.26	281.30	282.33	282.47	282.73	282.97	282.67 +	282.03	2
3	281.81	282.16	282.46	281.44 -	282.30	281.26	282.35	282.55	282.59	282.99	282.64	282.09	3
4	281.65	282.23	282.44	281.60	282.34	281.11	282.37	282.62	282.52	283.00	282.65	282.03	4
5	281.62 -	282.23	282.25	281.71	282.40	280.96	282.31	282.66	282.51	283.02	282.62	281.87	5
Tagesmittel													
6	281.68	282.21	282.17	281.90	282.47 +	280.91	282.17	282.64	282.49 -	283.08	282.51	281.71	6
7	281.74	282.18	282.30	282.05	282.35	281.08	282.04	282.66	282.52	283.12 +	282.48	281.65	7
8	281.79	282.20	282.39	282.13	282.36	281.21	282.06	282.67	282.70	283.09	282.50	281.67	8
9	281.68	282.21	282.46	282.24	282.25	281.30	282.15	285.09	282.84	283.05	282.51	281.66	9
10	281.65	282.13	282.57	282.27	282.28	281.18	282.12	285.66 +	282.83	283.02	282.56	281.56	10
11	281.73	282.17	282.60	282.29	282.41	281.02	282.01	284.64	282.81	282.99	282.60	281.51	11
12	281.78	282.14	282.63 +	282.29	282.44	280.90	281.94 -	284.34	282.79	283.00	282.54	281.51	12
13	281.89	282.04	282.63 +	282.34	282.46	280.79	281.98	284.32	282.67	283.03	282.37	281.43	13
14	281.99	281.95	282.61	282.42	282.40	280.67	282.14	284.41	282.60	283.04	282.17	281.35 -	14
15	282.02	281.84	282.61	282.46 +	282.25	280.64 -	282.27	284.49	282.70	282.98	282.10	281.39	15
Max. +													
16	282.02	281.80	282.57	282.45	282.08	280.81	282.33	284.50	282.84	282.90	282.16	281.54	16
17	282.02	281.77 -	282.58	282.46 +	281.96	280.80	282.38	284.46	282.89	282.87	282.22	281.63	17
18	282.06	281.84	282.60	282.45	281.98	280.70	282.45	284.37	282.89	282.85	282.28	281.66	18
19	282.07	281.93	282.59	282.39	281.85	280.73	282.49	284.25	282.77	282.83	282.22	281.74	19
20	282.12	282.01	282.51	282.24	281.66	280.84	282.46	284.13	282.68	282.89	282.21	281.81	20
Min. -													
21	282.18	282.05	282.42	282.19	281.46	281.00	282.41	284.01	282.71	282.92	282.18	281.91	21
22	282.20	282.05	282.28	282.28	281.36	281.35	282.44	283.86	282.83	282.88	282.16	281.97	22
23	282.24 +	282.05	282.15	282.26	281.30	281.36	282.52	283.72	282.93	282.83	282.11	282.00	23
24	282.22	282.15	282.07	282.32	281.10	281.33	282.58 +	283.57	282.94	282.77	282.11	282.03	24
25	282.20	282.26	281.99	282.44	280.94	281.34	282.49	283.43	282.97	282.74	281.98	282.05	25
26	282.17	282.24	281.86	282.46 +	280.85	281.44	282.28	283.30	282.97	282.72	281.81	282.08	26
27	282.19	282.27	281.74	282.40	280.84 -	281.57	282.23	283.19	283.02 +	282.75	281.75 -	282.09	27
28	282.24 +	282.30 +	281.71	282.38	280.92	281.73	282.34	283.04	282.97	282.76	281.80	282.12	28
29	282.22		281.66	282.33	280.95	281.90	282.44	282.96	282.92	282.69	281.83	282.14	29
30	282.18		281.63	282.28	281.01	282.10 +	282.50	283.01	282.99	282.65	281.89	282.16	30
31	282.11		281.59 -		281.12		282.44	282.93		282.63 -		282.17 +	31
Monatsmittel	281.98	282.09	282.28	282.18	281.83	281.15 -	282.30	283.62 +	282.78	282.90	282.28	281.82	
Maximum	282.27	282.35	282.65	282.52	282.50	282.19 -	282.61	286.39 +	283.05	283.15	282.69	282.20	
Datum	23.01	27.02	13.03	17.04	06.05	30.06	24.07	09.08	27.09	07.10	02.11	31.12	
Amplitude	0.68	0.60	1.10	1.13	1.68	1.57	0.69	4.00	0.60	0.53	0.97	0.88	
Jahr 2007	Mittel	282.27 m ü.M.		Maximum	286.39 (09.Aug)		Minimum	280.61 (15.Jun)			Amplitude	5.77 m	



Periode	1996 - 2007												
Monatsmittel	281.88	281.71	282.27	282.33 +	282.11	281.75	281.75	281.85	281.57	281.72	281.62	281.53 -	
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	280.05	280.38	279.52	280.61 +	279.95	280.06	279.93	280.10	279.70	279.32 -	
Jahr	1999	1999	2006	2004	2004	2007	2005	2003	2003	1998	2006	2003	
Amplitude	1.68	3.04	3.03	2.38	1.93	1.57 -	1.86	4.00 +	1.92	2.35	1.90	2.33	
Jahr	2004	1999	2006	2006	1999	2007	2005	2007	2002	2002	2006	2006	
Periode	Mittel	281.84 m ü.M.		Maximum	286.39 (09.Aug 2007)		Minimum	279.32 (17.Dez 2003)			Amplitude	7.07 m	

Darstellung der letzten 12 Jahre



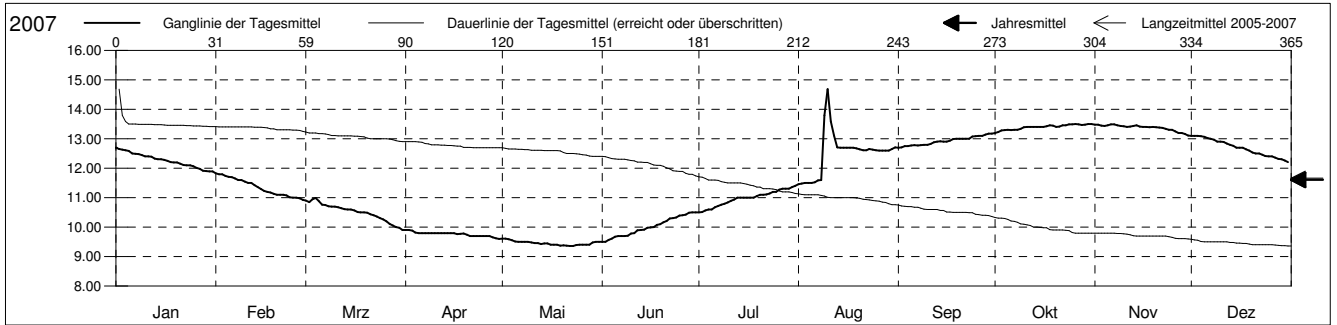
**Grundwassertemperatur**



Birstal  
 Aesch 11.J.3 Pentapharm  
 Abstichpunkt: 289.94 m ü.M.  
 OK Terrain: 289.93 m ü.M.

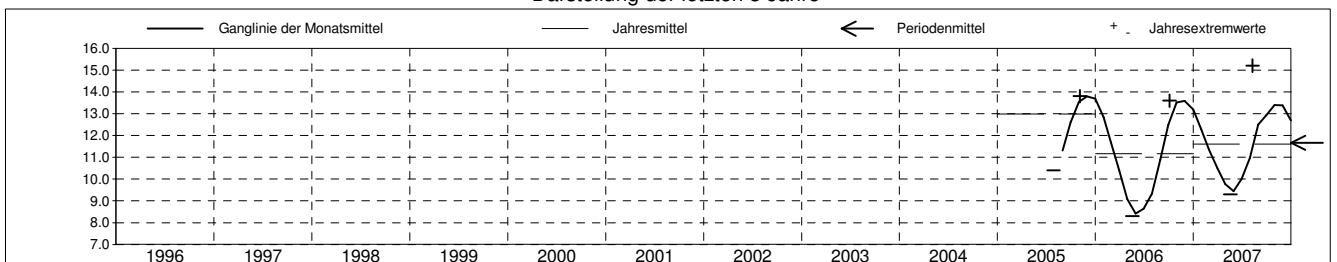
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 612556.38 / 258994.64

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.7 +	11.8 +	10.9	9.9 +	9.6 +	9.5 -	10.5 -	11.5 -	12.7 -	13.2 -	13.5 +	13.1 +	1
2	12.6	11.8 +	10.9	9.9 +	9.6 +	9.5 -	10.5 -	11.5 -	12.7 -	13.2 -	13.5 +	13.1 +	2
3	12.6	11.8 +	10.9	9.9 +	9.6 +	9.6	10.6	11.5 -	12.8	13.3	13.4	13.1 +	3
4	12.6	11.7	11.0 +	9.8	9.6 +	9.6	10.6	11.5 -	12.8	13.3	13.4	13.1 +	4
5	12.6	11.7	10.9	9.8	9.5	9.7	10.6	11.5 -	12.8	13.3	13.5 +	13.1 +	5
Tagesmittel													
6	12.5	11.7	10.8	9.8	9.5	9.7	10.7	11.5 -	12.8	13.3	13.5 +	13.0	6
7	12.5	11.7	10.8	9.8	9.5	9.7	10.7	11.6	12.8	13.3	13.5 +	13.0	7
8	12.5	11.6	10.7	9.8	9.5	9.7	10.8	11.6	12.8	13.3	13.5 +	13.0	8
9	12.4	11.6	10.7	9.8	9.5	9.7	10.8	13.8	12.8	13.3	13.4	12.9	9
10	12.4	11.6	10.7	9.8	9.5	9.8	10.8	14.7 +	12.8	13.4	13.4	12.9	10
11	12.4	11.5	10.7	9.8	9.5	9.8	10.9	13.6	12.8	13.4	13.4	12.9	11
12	12.4	11.5	10.6	9.8	9.5	9.9	10.9	13.1	12.9	13.4	13.4	12.8	12
13	12.3	11.4	10.6	9.8	9.4 -	9.9	11.0	12.7	12.9	13.4	13.4	12.8	13
14	12.3	11.4	10.6	9.8	9.4 -	9.9	11.0	12.7	12.9	13.4	13.5 +	12.8	14
15	12.3	11.3	10.6	9.8	9.4 -	10.0	11.0	12.7	12.9	13.4	13.4	12.7	15
Max. +													
16	12.3	11.2	10.6	9.8	9.4 -	10.0	11.0	12.7	12.9	13.4	13.4	12.7	16
17	12.3	11.2	10.5	9.8	9.4 -	10.0	11.0	12.7	12.9	13.4	13.4	12.7	17
18	12.2	11.2	10.5	9.8	9.4 -	10.1	11.0	12.7	13.0	13.5 +	13.4	12.6	18
19	12.2	11.1	10.5	9.8	9.4 -	10.1	11.1	12.7	13.0	13.4	13.4	12.6	19
20	12.2	11.1	10.5	9.7	9.4 -	10.2	11.1	12.6	13.0	13.4	13.4	12.5	20
Min. -													
21	12.2	11.1	10.4	9.7	9.4 -	10.2	11.1	12.6	13.0	13.4	13.4	12.5	21
22	12.1	11.1	10.4	9.7	9.4 -	10.3	11.1	12.6	13.0	13.5 +	13.4	12.5	22
23	12.1	11.1	10.4	9.7	9.4 -	10.3	11.1	12.7	13.0	13.5 +	13.3	12.5	23
24	12.1	11.0	10.3	9.7	9.4 -	10.3	11.2	12.6	13.1	13.5 +	13.3	12.4	24
25	12.1	11.0	10.3	9.7	9.4 -	10.4	11.2	12.6	13.1	13.5 +	13.3	12.4	25
26	12.0	11.0	10.2	9.7	9.4 -	10.4	11.3	12.6	13.1	13.5 +	13.3	12.4	26
27	12.0	11.0	10.1	9.7	9.4 -	10.4	11.3	12.6	13.1	13.5 +	13.2	12.4	27
28	11.9 -	10.9 -	10.1	9.7	9.4 -	10.5 +	11.3	12.6	13.1	13.5 +	13.2	12.3	28
29	11.9 -		10.0	9.6 -	9.5	10.5 +	11.3	12.6	13.2 +	13.5 +	13.2	12.3	29
30	11.9 -		10.0	9.6 -	9.5	10.5 +	11.4 +	12.6	13.2 +	13.5 +	13.1 -	12.3	30
31	11.9 -		9.9 -		9.5		11.4 +	12.7		13.5 +		12.2 -	31
Monatsmittel	12.3	11.4	10.5	9.8	9.5 -	10.0	11.0	12.5	12.9	13.4 +	13.4 +	12.7	
Maximum	12.7	11.9	11.0	9.9	9.7 -	10.5	11.4	15.2 +	13.2	13.5	13.5	13.2	
Datum	01.01	01.02	03.03	01.04	01.05	27.06	30.07	09.08	28.09	16.10	01.11	01.12	
Minimum	11.8	10.9	9.9	9.6	9.3 -	9.5	10.5	11.4	12.7	13.2 +	13.1	12.2	
Datum	30.01	27.02	30.03	26.04	19.05	01.06	01.07	01.08	01.09	01.10	28.11	30.12	
Amplitude	0.9	1.0	1.1	0.3	0.4	1.0	0.9	3.8	0.5	0.3	0.4	1.0	
Jahr 2007	Mittel	11.6 °C		Maximum	15.2 (09.Aug)		Minimum	9.3 (19.Mai)		Amplitude		5.9 °C	



Periode	2005 - 2007												
Monatsmittel	12.6	11.5	10.5	9.4	8.9 -	9.3	10.2	11.6	12.7	13.5	13.6 +	13.2	
Maximum	13.3	12.2	11.6	10.7	9.7 -	10.5	11.4	15.2 +	13.2	13.7	13.8	13.8	
Jahr	2006	2006	2006	2006	2007	2007	2007	2007	2006	2005	2005	2005	
Minimum	11.8	10.9	9.5	8.5	8.3 -	8.4	9.0	9.8	11.8	13.1 +	13.1 +	12.2	
Jahr	2007	2007	2006	2006	2006	2006	2006	2006	2006	2005	2007	2007	
Amplitude	1.0	1.2	2.1	2.2	0.4 -	1.0	0.9	3.8 +	1.4	0.6	0.4 -	1.0	
Jahr	2006	2006	2006	2006	2007	2007	2007	2007	2006	2005	2007	2007	
Periode	Mittel	11.7 °C		Maximum	15.2 (09.Aug 2007)		Minimum	8.3 (18.Mai 2006)		Amplitude		6.9 °C	

Darstellung der letzten 3 Jahre



**Leitfähigkeit**



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.3

289.94

289.93

Pentapfarm

m ü.M.

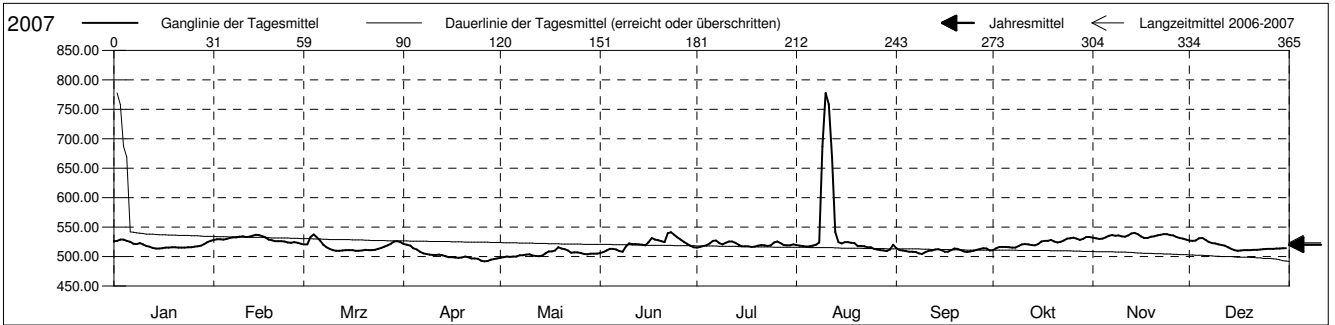
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

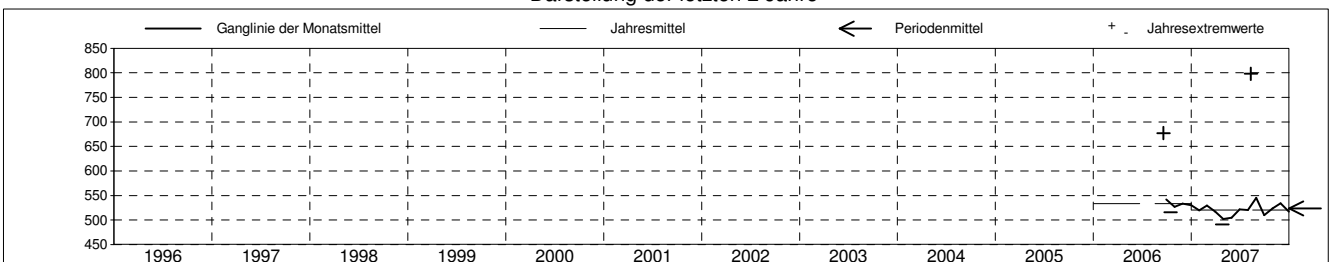
Koordinaten: 612556.38 / 258994.64

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	526	528	521	521 +	498 -	506 -	515 -	520	514 +	511 -	532	527	1
2	527	529	521	520	499	508	516	519	511	514	531	527	2
3	529 +	529	534	519	500	510	518	518	511	516	530	527	3
4	529 +	529	537 +	514	500	513	519	517	509	517	530	531 +	4
5	527	530	532	512	500	513	522	517	508	517	533	531 +	5
6	525	531	527	508	500	512	527 +	518	508	516	535	528	6
7	522	533	520	505	502	509	527 +	520	508	516	537	525	7
8	522	533	516	504	502	508	523	524	505 -	516	535	523	8
9	523	534	513	503	503	517	521	687	505 -	518	536	522	9
10	521	534	511	503	504	522	523	778 +	508	521	534	521	10
11	518	533	510 -	503	502	521	526	758	510	521	534	520	11
12	517	534	510 -	503	501	521	526	669	510	521	536	518	12
13	515	536	510 -	502	500	521	524	542	512	520	539	516	13
14	514 -	537 +	511	501	502	520	520	525	513	519	540 +	513	14
15	514 -	536	511	499	506	519	517	522	511	521	538	511	15
16	514 -	535	511	499	509	525	518	524	508	526	534	510 -	16
17	515	533	510 -	499	509	531	518	524	508	527	532	510 -	17
18	515	529	510 -	498	511	529	516	523	511	527	531	511	18
19	516	528	511	499	516 +	528	517	523	514 +	528	534	511	19
20	516	526	511	500	514	526	519	518	513	526	534	511	20
21	515	526	511	499	513	525	520	518	511	524	536	511	21
22	515	526	511	497	510	540	519	517	509	525	537	512	22
23	515	525	511	497	507	541 +	518	516	507	527	538	512	23
24	516	524	513	496	507	537	519	516	509	530	538	513	24
25	516	524	515	493	507	533	524	513	510	531	537	513	25
26	517	525	517	492 -	506	529	526	512	512	532	536	513	26
27	518	523	519	493	504	525	523	511	513	531	533	513	27
28	519	522 -	522	494	504	522	520	510	514 +	529	531	514	28
29	521	525	496	505	505	519	519	509 -	514 +	530	530	514	29
30	524	526	497	505	516	519	519	512	511	533 +	529 -	514	30
31	527	524	524	505	505	521	520	520	511	533 +	514	514	31
Monatsmittel	520	530	517	502 -	505	522	521	545 +	510	523	534	517	
Maximum	530	539	539	523	516 -	544	529	798 +	522	543	549	533	
Datum	03.01	13.02	03.03	01.04	19.05	22.06	07.07	11.08	14.09	25.10	06.11	04.12	
Minimum	513	521	508	491 -	497	505	515	506	504	509	528 +	509	
Datum	14.01	28.02	11.03	26.04	01.05	01.06	01.07	30.08	09.09	01.10	30.11	16.12	
Amplitude	17	18	31	32	19	39	14	292	18	34	21	24	
Jahr 2007	Mittel	520	Maximum	798 (11.Aug)	Minimum	491 (26.Apr)	Amplitude	307					



Periode	2006 - 2007												
Monatsmittel	520	530	517	502 -	505	522	521	545 +	526	525	534	524	
Maximum	530	539	539	523	516 -	544	529	798 +	677	555	549	544	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	2007	2006	
Minimum	513	521	508	491 -	497	505	515	506	504	509	526 +	509	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	2007	
Amplitude	17	18	31	32	19	39	14 -	292 +	155	39	21	24	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	2007	2007	
Periode	Mittel	524	Maximum	798 (11.Aug 2007)	Minimum	491 (26.Apr 2007)	Amplitude	307					

Darstellung der letzten 2 Jahre



# Grundwasserspiegel im Birstal

Station 11.J.3 Aesch

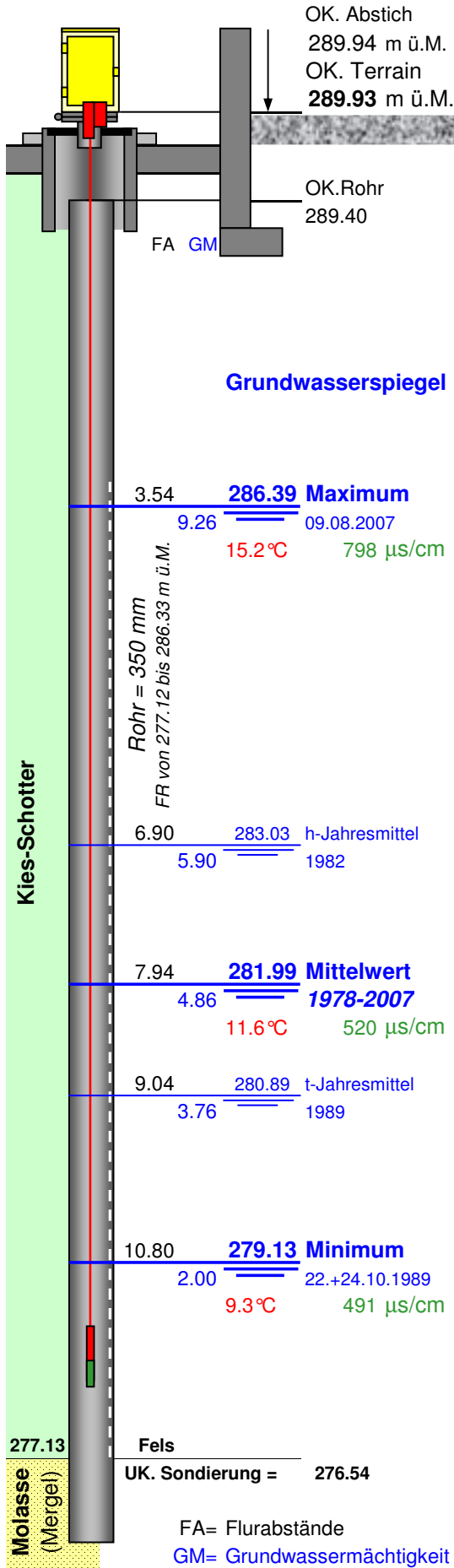
Pentapharm

Koordinaten: 612'556.36 / 258'994.64

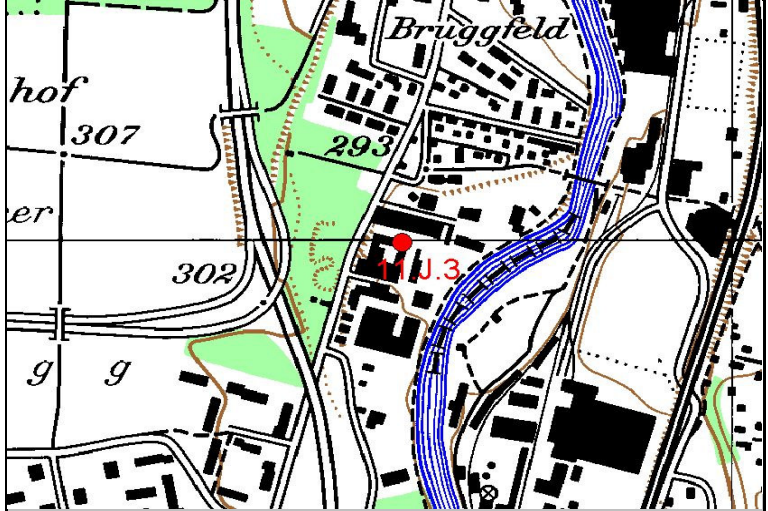
Messwerte: Grundwasserspiegel

Temperatur

Leitfähigkeit



Kartenausschnitt Aesch



Situationsplan Aesch

