

Grundwasserstände



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.15

294.07

293.01

Vers.-Anlage

m ü.M.

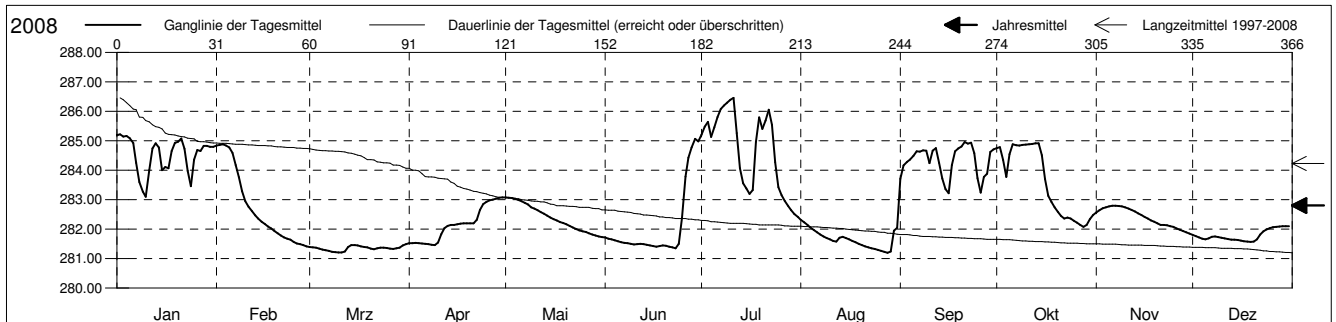
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

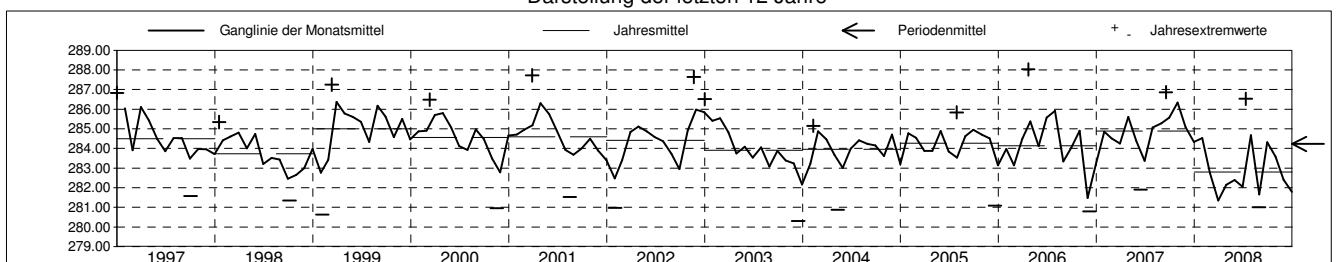
Koordinaten: 612465.69 / 258288.81

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	285.19	284.83	281.39	281.52	283.08 +	281.72	285.21	282.32 +	283.71	284.75	282.57	281.80	1
2	285.22 +	284.86	281.38	281.53	283.07	281.68	285.48	282.23	284.17	284.79	282.64	281.76	2
3	285.14	284.88 +	281.37	281.53	283.05	281.65	285.64	282.14	284.28	284.35	282.70	281.71	3
4	285.17	284.84	281.34	281.53	283.03	281.62	285.13	282.05	284.36	283.77	282.74	281.67	4
5	285.09	284.77	281.31	281.51	282.99	281.59	285.45	281.97	284.50	284.55	282.77	281.65	5
Tagesmittel	284.93	284.59	281.29	281.50	282.95	281.55	285.81	281.90	284.64	284.88	282.79	281.69	6
6	284.25	284.18	281.26	281.48	282.89	281.53	286.08	281.82	284.63	284.85	282.80 +	281.75	7
7	283.60	283.76	281.23	281.47	282.84	281.52	286.19	281.75	284.68	284.84	282.79	281.75	8
8	283.27	283.28	281.21 -	281.45 -	282.74	281.50	286.30	281.70	284.67	284.86	282.77	281.73	9
9	283.10 -	282.95	281.21 -	281.55	282.70	281.48	286.40	281.65	284.24	284.87	282.74	281.70	10
10	284.00	282.77	281.21 -	281.82	282.64	281.49	286.46 +	281.60	284.67	284.88	282.70	281.68	11
11	284.74	282.61	281.24	282.04	282.58	281.50	285.26	281.58	284.75	284.90	282.65	281.66	12
12	284.92	282.47	281.40	282.12	282.52	281.49	284.07	281.71	284.25	284.91	282.60	281.65	13
13	284.77	282.36	281.45	282.14	282.46	281.47	283.56	281.74	283.72	284.92 +	282.53	281.64	14
Max. +	284.00	282.26	281.46	282.15	282.39	281.45	283.38	281.70	283.36	284.52	282.48	281.63	15
16	284.11	282.17	281.44	282.16	282.34	281.43	283.20	281.66	283.22 -	283.70	282.41	281.61	16
17	284.07	282.09	281.41	282.18	282.29	281.41	283.33	281.60	284.17	283.13	282.35	281.59	17
18	284.66	282.02	281.40	282.19	282.24	281.43	284.97	281.55	284.64	282.92	282.30	281.58	18
19	284.93	281.94	281.38	282.20	282.21	281.45	285.79	281.50	284.74	282.74	282.25	281.57 -	19
Min. -	284.97	281.86	281.34	282.20	282.16	281.43	285.40	281.46	284.81	282.58	282.20	281.57 -	20
21	285.08	281.79	281.31	282.20	282.11	281.40	285.69	281.42	284.95 +	282.45	282.15	281.65	21
22	284.73	281.72	281.35	282.31	282.06	281.38	286.06	281.38	284.90	282.36	282.14	281.81	22
23	283.98	281.67	281.37	282.66	282.01	281.35 -	285.54	281.34	284.94	282.40	282.13	281.92	23
24	283.46	281.64	281.37	282.85	281.96	281.50	284.28	281.32	284.58	282.36	282.10	281.99	24
25	284.36	281.57	281.36	282.93	281.93	282.38	283.43	281.30	283.73	282.29	282.07	282.03	25
26	284.69	281.51	281.34	282.98	281.90	283.79	283.15	281.26	283.24	282.22	282.03	282.06	26
27	284.65	281.48	281.33	283.01	281.86	284.43	282.96	281.23	283.77	282.14	281.98	282.08	27
28	284.83	281.45	281.35	283.03	281.82	284.77	282.80	281.19 -	283.88	282.08 -	281.94	282.09	28
29	284.83	281.42 -	281.38	283.06	281.78	285.07 +	282.64	281.24	284.62	282.14	281.89	282.10 +	29
30	284.79	281.44	281.38	283.08 +	281.75	284.98	282.51	281.94	284.71	282.34	281.85 -	282.10 +	30
31	284.80	281.49 +	281.34	282.16	282.16	281.43	282.42 -	282.05	282.05	282.47	282.10 +	282.10 +	31
Monatsmittel	284.53	282.75	281.35 -	282.15	282.39	282.05	284.66 +	281.65	284.32	283.58	282.40	281.78	
Maximum	285.29	284.89	281.51 -	283.09	283.08	285.20	286.53 +	282.37	285.15	284.93	282.80	282.12	
Datum	02.01	03.02	31.03	30.04	01.05	30.06	11.07	01.08	24.09	15.10	07.11	31.12	
Amplitude	2.27	3.48	0.31	1.64	1.35	3.92	4.15	1.37	2.74	2.86	0.97	0.55	
Jahr 2008	Mittel	282.80 m ü.M.	Maximum	286.53 (11.Jul)	Minimum	281.00 (29.Aug)	Amplitude	5.53 m					



Periode	1997 - 2008											
Monatsmittel	284.33	284.21	284.68	284.73 +	284.45	284.03	284.35	284.06	284.16	284.22	283.87	283.65 -
Maximum	286.83	286.31 -	287.72	288.03 +	287.13	287.11	286.99	286.94	286.86	287.20	287.64	287.57
Jahr	1997	2000	2001	2006	1999	2006	1999	1999	2007	2002	2002	2002
Minimum	280.85	280.62	281.20	281.45 +	280.87	281.27	281.31	280.97	280.94	281.35	280.87	280.30 -
Jahr	1999	1999	2008	2008	2004	2008	2005	2003	2003	1998	2006	2003
Amplitude	3.38 -	5.61 +	4.32	4.51	4.16	4.14	4.57	3.74	4.02	4.44	3.68	4.62
Jahr	1999	1999	2001	2006	2007	2007	1999	2001	2006	2002	2000	2006
Periode	Mittel	284.23 m ü.M.	Maximum	288.03 (22.Apr 2006)	Minimum	280.30 (16.Dez 2003)	Amplitude	7.73 m				

Darstellung der letzten 12 Jahre



Grundwassertemperatur



Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.15

294.07

293.01

Vers.-Anlage

m ü.M.

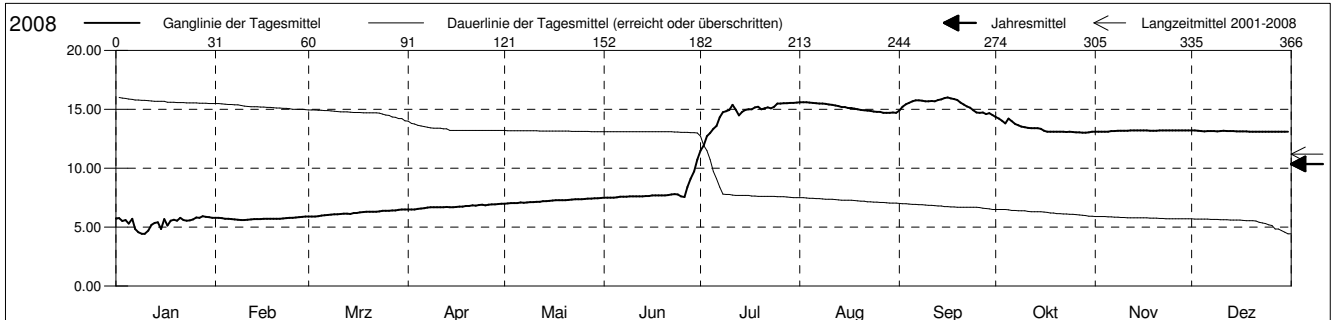
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

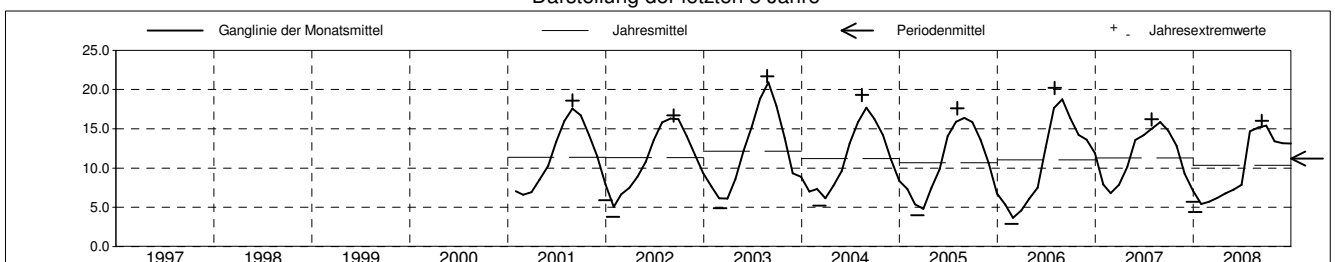
Koordinaten: 612465.69 / 258288.81

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	5.7	5.8	5.9 -	6.5 -	7.0 -	7.5 -	11.5 -	15.6 +	14.9	14.4 +	13.1 -	13.2 +	1
2	5.8	5.8	5.9 -	6.5 -	7.0 -	7.5 -	11.9	15.6 +	15.2	14.2	13.1 -	13.2 +	2
3	5.5	5.8	5.9 -	6.5 -	7.0 -	7.5 -	12.7	15.6 +	15.4	14.0	13.1 -	13.2 +	3
4	5.6	5.7	5.9 -	6.5 -	7.0 -	7.5 -	13.0	15.6 +	15.5	13.8	13.1 -	13.1 -	4
5	5.3	5.7	6.0	6.6	7.0 -	7.5 -	13.3	15.6 +	15.7	14.2	13.1 -	13.1 -	5
Tagesmittel													
6	5.7	5.7	6.0	6.6	7.1	7.6	13.6	15.5	15.8	14.0	13.1 -	13.2 +	6
7	4.8	5.7	6.0	6.7	7.1	7.6	14.3	15.5	15.8	13.8	13.2 +	13.1 -	7
8	4.6	5.6 -	6.1	6.7	7.1	7.6	14.8	15.5	15.7	13.6	13.2 +	13.2 +	8
9	4.4 -	5.6 -	6.1	6.7	7.1	7.6	14.8	15.5	15.7	13.5	13.2 +	13.1 -	9
10	4.4 -	5.6 -	6.1	6.7	7.1	7.6	15.0	15.4	15.7	13.5	13.2 +	13.1 -	10
11	4.7	5.6 -	6.1	6.7	7.1	7.6	15.4	15.4	15.7	13.4	13.2 +	13.2 +	11
12	5.2	5.7	6.1	6.7	7.1	7.6	15.0	15.3	15.7	13.4	13.2 +	13.1 -	12
13	5.4	5.7	6.1	6.7	7.2	7.6	14.5	15.3	15.8	13.4	13.2 +	13.1 -	13
14	5.4	5.7	6.1	6.7	7.2	7.6	14.8	15.2	15.8	13.4	13.2 +	13.1 -	14
15	4.8	5.7	6.2	6.7	7.2	7.6	15.0	15.2	15.9	13.4	13.2 +	13.1 -	15
Max. +													
16	5.7	5.7	6.2	6.7	7.3	7.7	15.0	15.1	16.0 +	13.2	13.2 +	13.1 -	16
17	5.1	5.7	6.2	6.7	7.3	7.7	15.0	15.1	15.9	13.1	13.2 +	13.1 -	17
18	5.6	5.7	6.3	6.8	7.3	7.7	15.2	15.1	15.9	13.1	13.2 +	13.1 -	18
19	5.6	5.7	6.3	6.8	7.3	7.7	15.2	15.0	15.8	13.1	13.2 +	13.1 -	19
20	5.5	5.7	6.3	6.8	7.3	7.7	15.0	15.0	15.6	13.1	13.2 +	13.1 -	20
Min. -													
21	5.8	5.7	6.3	6.8	7.3	7.7	15.1	14.9	15.4	13.1	13.2 +	13.1 -	21
22	5.6	5.8	6.3	6.8	7.3	7.8	15.2	14.9	15.2	13.1	13.2 +	13.1 -	22
23	5.6	5.8	6.3	6.9	7.4	7.8	15.1	14.9	15.1	13.1	13.2 +	13.1 -	23
24	5.6	5.8	6.4	6.9	7.4	7.8	15.2	14.8	14.9	13.1	13.2 +	13.1 -	24
25	5.7	5.8	6.4	6.9	7.4	7.6	15.5	14.8	14.7	13.1	13.2 +	13.1 -	25
26	5.8	5.8	6.4	6.9	7.4	7.5 -	15.5	14.8	14.7	13.1	13.2 +	13.1 -	26
27	5.8	5.8	6.4	6.9	7.4	8.4	15.5	14.7 -	14.7	13.0 -	13.2 +	13.1 -	27
28	5.9 +	5.9 +	6.4	6.9	7.4	9.1	15.5	14.7 -	14.6	13.0 -	13.2 +	13.1 -	28
29	5.9 +	5.9 +	6.5 +	7.0 +	7.4	9.7	15.5	14.7 -	14.7	13.0 -	13.2 +	13.1 -	29
30	5.8		6.5 +	7.0 +	7.5 +	10.7 +	15.6 +	14.7 -	14.5 -	13.1	13.2 +	13.1 -	30
31	5.8		6.5 +		7.5 +		15.6 +	14.7 -		13.1		13.1 -	31
Monatsmittel	5.4 -	5.7	6.2	6.7	7.2	7.9	14.7	15.1	15.4 +	13.4	13.2	13.1	
Maximum	6.5	5.9 -	6.5	7.1	7.5	11.2	15.8	15.6	16.0 +	14.4	13.3	13.2	
Datum	16.01	26.02	27.03	30.04	26.05	30.06	12.07	01.08	13.09	01.10	14.11	01.12	
Minimum	4.4 -	5.6	5.9	6.4	6.9	7.4	11.2	14.7 +	14.4	13.0	13.1	13.1	
Datum	09.01	06.02	01.03	01.04	01.05	02.06	01.07	26.08	30.09	21.10	01.11	03.12	
Amplitude	2.1	0.3	0.6	0.7	0.6	3.8	4.6	0.9	1.6	1.4	0.2	0.1	
Jahr 2008	Mittel	10.4 °C		Maximum	16.0 (13.Sep)		Minimum	4.4 (09.Jan)		Amplitude			11.6 °C



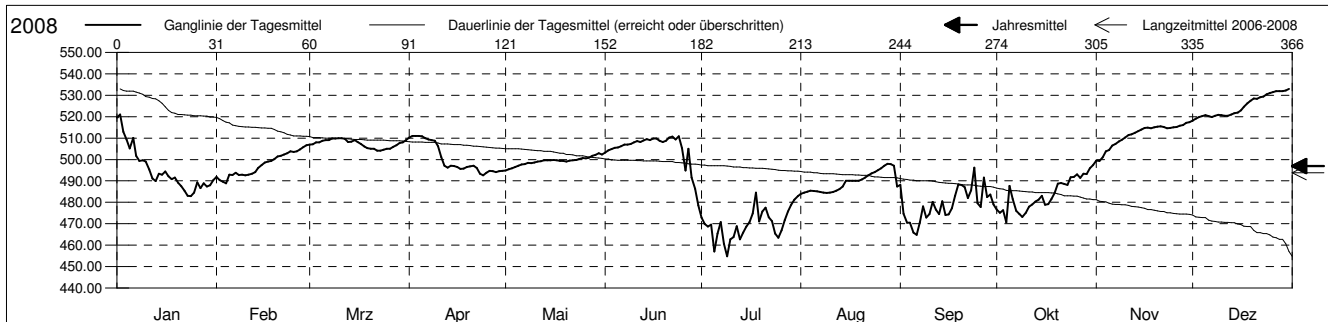
2001 - 2008																
Monatsmittel	6.6	6.0	-	6.3	8.0	10.1	13.0	16.2	17.3	+	16.2	13.8	11.3	9.2		
Maximum	10.4	9.8		8.3	-	12.7	14.5	18.4	20.2		21.7	+	21.6	16.5	14.2	14.4
Jahr	2004	2004		2002		2007	2007	2003	2003		2003		2003	2003	2004	2006
Minimum	3.3	2.9	-	3.5	4.8	6.7	7.4	11.2	14.7	+	13.4	10.5	6.9	5.3		
Jahr	2006	2006		2006	2006	2006	2008	2008	2008		2007	2003	2005	2005		
Amplitude	6.2	4.1		2.5	-	4.6	5.1	6.4	5.0		3.6	5.2	6.0	5.9	7.2	+
Jahr	2002	2002		2005		2007	2004	2006	2005		2006	2003	2003	2005	2006	
Periode	Mittel	11.2 °C			Maximum	21.7 (26.Aug 2003)			Minimum	2.9 (23.Feb 2006)			Amplitude	18.8 °C		

Darstellung der letzten 8 Jahre



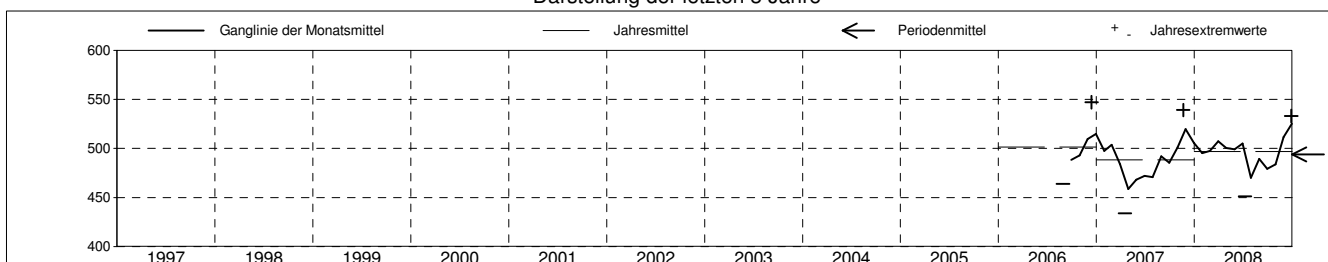


2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	520	492	507	510	495 -	503	473	484 -	488	477	500	518 -	1
2	521 +	490	507	511 +	495 -	504	470	485	475	475	499 -	519	2
3	513	490	508	511 +	496	505	469	485	471	476	501	520	3
4	509	489 -	508	511 +	496	505	470	486	471	471 -	504	520	4
5	505	493	509	511 +	497	506	457	485	466	488	504	521	5
Tagesmittel													
6	510	493	509	510	498	506	465	485	465 -	482	507	520	6
7	502	494	509	509	498	507	471	485	471	476	507	520	7
8	499	493	510 +	509	498	507	461	485	478	475	508	520	8
9	500	493	510 +	509	498	507	455 -	484 -	473	473	509	521	9
10	499	493	510 +	506	499	508	463	485	475	475	510	521	10
11	495	493	510 +	501	499	509	464	485	480	478	511	520	11
12	491	493	510 +	497	499	508	469	485	477	479	512	521	12
13	490	494	508	496	500	509	463	486	475	480	513	521	13
14	493	496	508	497	500	510	466	487	481	481	513	522	14
15	493	497	509	497	500	509	469	490	474	483	514	522	15
Max. +													
16	494	499	508	497	500	510	471	490	474	479	515	523	16
17	492	499	507	496	500	510	475	490	477	479	515	525	17
18	491	499	506	496	499	509	485 +	490	483	482	515	526	18
19	492	500	505	496	499	508	471	490	488	484	515	528	19
20	489	501	505	497	499	509	476	491	488	489	515	528	20
Min. -													
21	488	502	505	497	499	510	478	492	487	489	516	528	21
22	485	502	504 -	496	500	511 +	473	493	482	489	515	529	22
23	483 -	503	504 -	493 -	500	509	471	494	486	488	515	529	23
24	483 -	504	505	493 -	500	511 +	465	494	496 +	492	515	530	24
25	485	504	505	494	501	505	464	495	480	492	515	531	25
26	489	504	505	495	501	495	467	496	478	493	515	532	26
27	487	505	506	495	501	505	472	497	492	491	516	532	27
28	489	506	507	494	502	492	476	498 +	483	493	516	532	28
29	487	507 +	508	495	502	486	479	498 +	484	493	517 +	532	29
30	488		508	495	503 +	479 -	481	497	479	496	517 +	532	30
31	490		509		502		483	487		497 +		533 +	31
Monatsmittel	495	497	507	500	499	505	470 -	489	479	484	511	525 +	
Maximum	528	507	510	511	503	514	502 -	502 -	506	504	521	533 +	
Datum	01.01	29.02	07.03	01.04	29.05	24.06	18.07	30.08	01.09	30.10	16.11	28.12	
Minimum	482	486	503	488	493	475	451 -	483	460	469	497	517 +	
Datum	24.01	03.02	22.03	23.04	01.05	30.06	08.07	01.08	05.09	04.10	01.11	10.12	
Amplitude	46	21	7	23	10	39	51	19	46	35	24	16	
Jahr 2008	Mittel	497		Maximum	533 (28.Dez)		Minimum	451 (08.Jul)		Amplitude	82		



Periode	2006 - 2008											
Monatsmittel	496	501	496	480	484	489	470 -	491	484	493	514	515 +
Maximum	530	527	512	511	505	514	504 -	522	528	524	539	547 +
Jahr	2007	2007	2007	2008	2007	2008	2007	2007	2007	2007	2007	2006
Minimum	477	485	469	434 -	451	459	447	447	460	469	495 +	494
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2008	2006	2006
Amplitude	53	42	43	69	54	39	57	75 +	68	48	32 -	53
Jahr	2007	2007	2007	2007	2007	2008	2007	2007	2007	2007	2007	2006
Periode	Mittel	494		Maximum	547 (14.Dez 2006)		Minimum	434 (17.Apr 2007)		Amplitude	113	

Darstellung der letzten 3 Jahre



Grundwasserspiegel im Birstal

Station 11.J.15 Aesch

Versickerungsanlage

OPK 190956

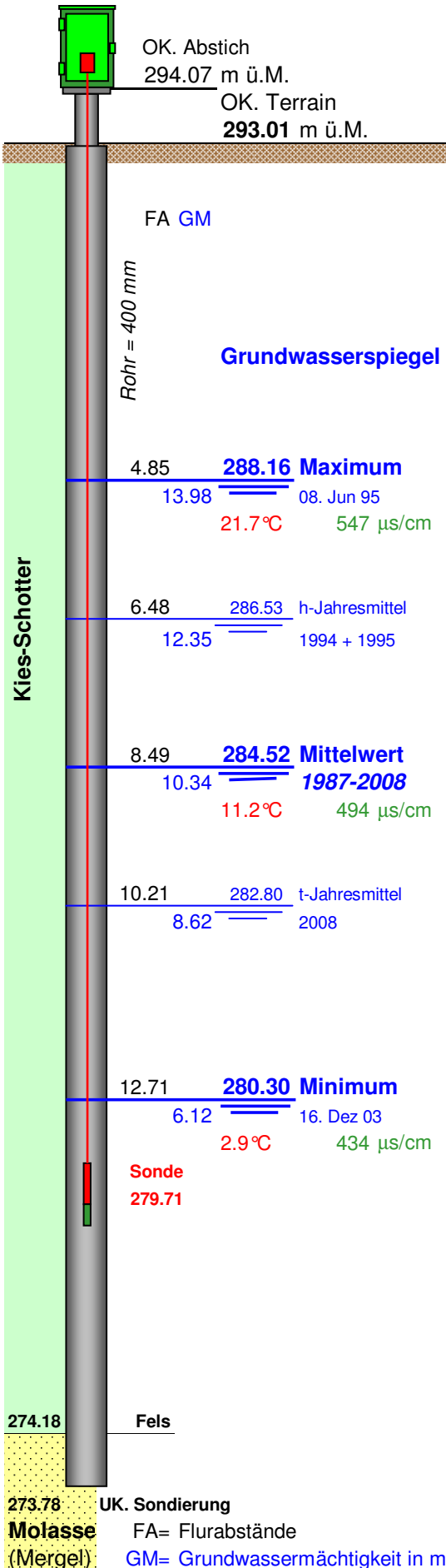
Koordinaten: 612'465.67 / 258'288.81

Messwerte

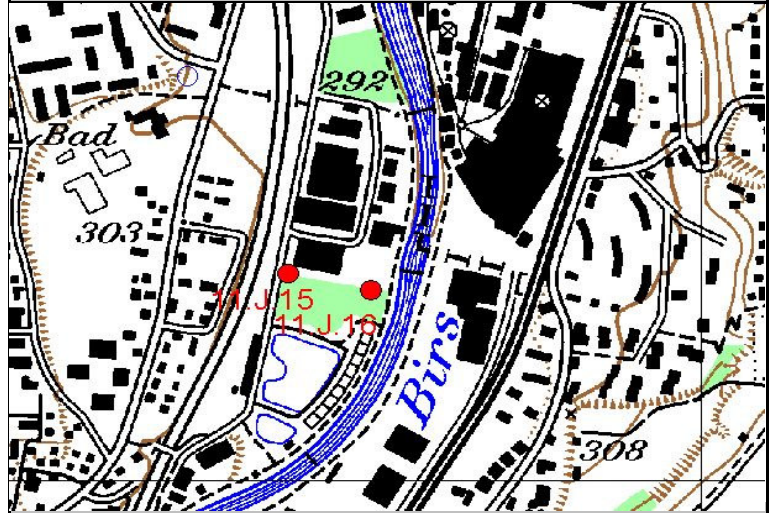
Grundwasserspiegel

Temperatur

Leitfähigkeit (ab Aug 2006)



Kartenausschnitt Aesch



Situationsplan Aesch

