

Grundwasserstände



Laufental

Duggingen

Abstichpunkt:

OK Terrain:

115.C.7

Liebmatt

304.15 m ü.M.

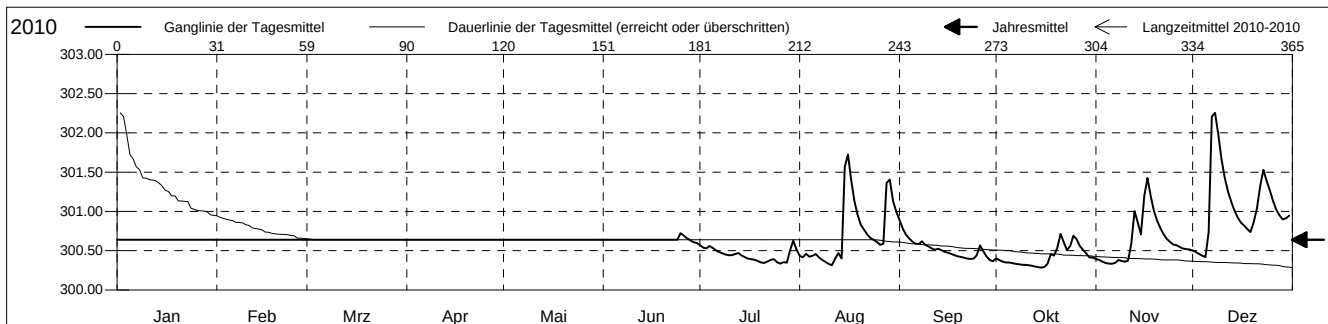
303.32 m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

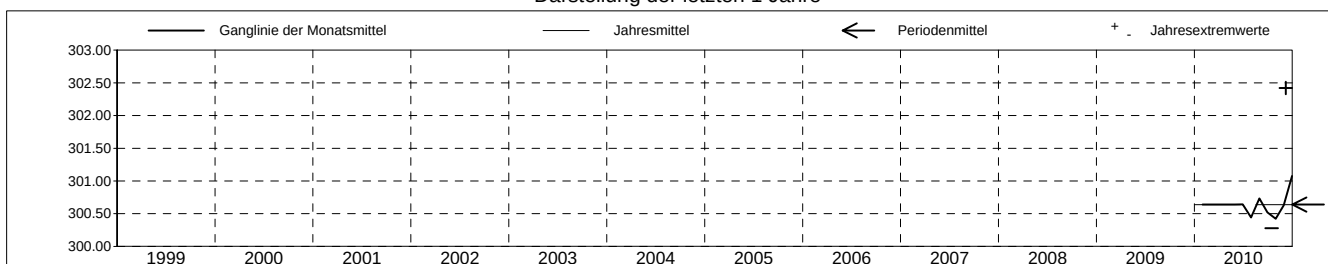
Koordinaten: 612273.00 / 255897.00

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.57	300.43	300.89 +	300.40	300.40	300.50	1
2	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.54	300.41	300.78	300.38	300.38	300.49	2
3	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.53	300.46	300.70	300.36	300.36	300.46	3
4	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.56	300.42	300.66	300.35	300.34	300.44	4
5	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.54	300.44	300.62	300.35	300.34	300.42 -	5
Tagesmittel													
6	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.51	300.46	300.59	300.34	300.33 -	300.74	6
7	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.48	300.41	300.59	300.33	300.35	302.21	7
8	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.47	300.38	300.62	300.33	300.38	302.26 +	8
9	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.45	300.36	300.57	300.32	300.37	301.99	9
10	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.44	300.33	300.55	300.32	300.36	301.67	10
11	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.44	300.32 -	300.53	300.32	300.37	301.42	11
12	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.46	300.39	300.51	300.31	300.59	301.25	12
13	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.47	300.39	300.52	300.30	301.00	301.12	13
14	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.44	300.40	300.51	300.29 -	300.85	301.01	14
Max. +	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.42	301.57	300.49	300.29 -	300.71	300.92	15
16	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.40	301.73 +	300.47	300.29 -	301.20	300.86	16
17	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.39	301.40	300.46	300.34	301.42 +	300.82	17
18	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.38	301.13	300.44	300.46	301.20	300.78	18
19	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.37	300.96	300.43	300.44	301.01	300.74	19
Min. -	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.35	300.83	300.42	300.53	300.88	300.86	20
21	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.34	300.76	300.41	300.71 +	300.79	301.04	21
22	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.36	300.70	300.40	300.61	300.71	301.32	22
23	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.38	300.66	300.40	300.51	300.65	301.53	23
24	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.39	300.64	300.40	300.56	300.61	301.39	24
25	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.72 +	300.35	300.61	300.44	300.69	300.58	301.27	25
26	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.69	300.33 -	300.57	300.57	300.65	300.57	301.13	26
27	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.66	300.35	300.59	300.50	300.56	300.55	301.03	27
28	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.63	300.35	301.36	300.43	300.51	300.53	300.95	28
29	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.61	300.50	301.41	300.38	300.47	300.52	300.90	29
30	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.60 -	300.63 +	301.13	300.37 -	300.41	300.51	300.91	30
31	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.64	300.52	301.00	300.41	300.41	300.41	300.95	31
Monatsmittel	300.64	300.64	300.64	300.64	300.64	300.64	300.44	300.73	300.52	300.42 -	300.63	301.08 +	
Maximum	300.64 -	300.64 -	300.64 -	300.64 -	300.64 -	300.73	300.66	302.01	300.95	300.73	301.49	302.42 +	
Datum	01.01	01.02	01.03	01.04	01.05	25.06	30.07	15.08	01.09	21.10	17.11	07.12	
Amplitude	0.00 +	0.00 +	0.00 +	0.00 +	0.00 +	0.14	0.34	1.71	0.59	0.45	1.17	2.01	
Jahr 2010	Mittel	300.64 m ü.M.	Maximum	302.42 (07.Dez)	Minimum	300.28 (15.Okt)	Amplitude	2.14 m					



Periode	2010 - 2010											
Monatsmittel	300.64	300.64	300.64	300.64	300.64	300.64	300.44	300.73	300.52	300.42 -	300.63	301.08 +
Maximum	300.64 -	300.64 -	300.64 -	300.64 -	300.64 -	300.73	300.66	302.01	300.95	300.73	301.49	302.42 +
Jahr	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
Minimum	300.64 +	300.64 +	300.64 +	300.64 +	300.64 +	300.58	300.33	300.31	300.36	300.28 -	300.32	300.41
Jahr	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
Amplitude	0.00 -	0.00 -	0.00 -	0.00 -	0.00 -	0.14	0.34	1.71	0.59	0.45	1.17	2.01 +
Jahr	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
Periode	Mittel	300.64 m ü.M.	Maximum	302.42 (07.Dez 2010)	Minimum	300.28 (15.Okt 2010)	Amplitude	2.14 m				

Darstellung der letzten 1 Jahre



Grundwassertemperatur



Laufental

Duggingen

Abstichpunkt:

OK Terrain:

115.C.7

304.15

303.32

Liebmatt

m ü.M.

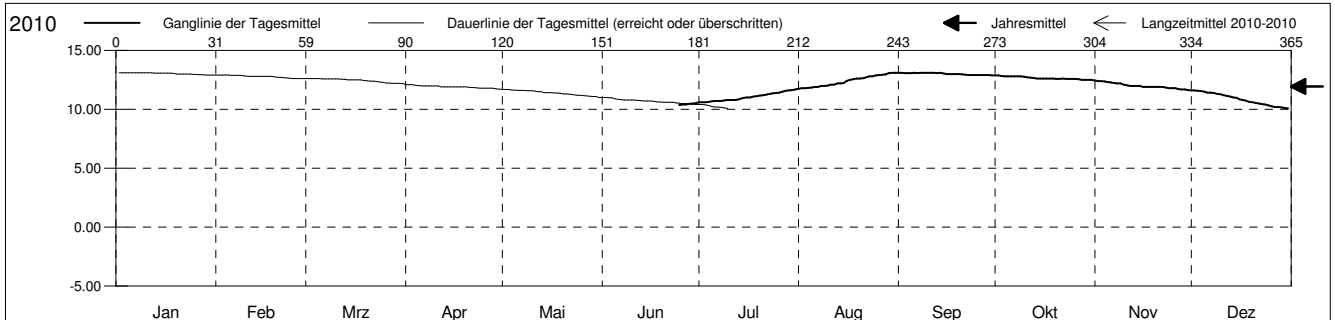
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

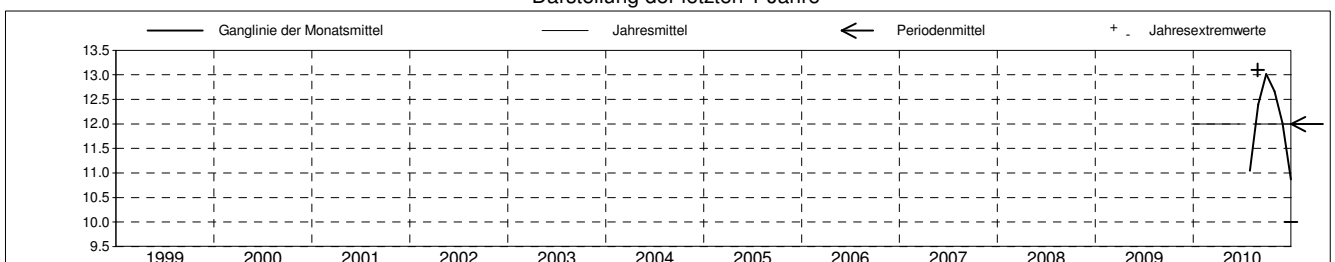
Koordinaten: 612273.00 / 255897.00

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1							10.6 -	11.7 -	13.1 +	12.9 +	12.4 +	11.6 +	1
2							10.6 -	11.8	13.1 +	12.9 +	12.4 +	11.6 +	2
3							10.6 -	11.8	13.1 +	12.8	12.4 +	11.6 +	3
4							10.6 -	11.8	13.1 +	12.8	12.4 +	11.5	4
5							10.7	11.9	13.1 +	12.8	12.3	11.5	5
Tagesmittel							10.7	11.9	13.1 +	12.8	12.3	11.4	6
6							10.7	11.9	13.1 +	12.8	12.2	11.4	7
7							10.7	12.0	13.1 +	12.8	12.2	11.4	8
8							10.8	12.0	13.1 +	12.8	12.2	11.3	9
9							10.8	12.0	13.1 +	12.8	12.1	11.3	10
10							10.8	12.1	13.1 +	12.7	12.0	11.2	11
11							10.8	12.1	13.1 +	12.7	12.0	11.1	12
12							10.8	12.2	13.1 +	12.7	12.0	11.1	13
13							10.9	12.2	13.1 +	12.6	12.0	11.0	14
14							11.0	12.2	13.1 +	12.6	12.0	11.0	15
Max. +							11.0	12.4	13.0	12.6	11.9	10.8	16
16							11.0	12.5	13.0	12.6	11.9	10.8	17
17							11.1	12.6	13.0	12.6	11.9	10.7	18
18							11.1	12.6	13.0	12.6	11.9	10.6	19
19							11.2	12.6	13.0	12.6	11.9	10.6	20
Min. -							11.2	12.6	13.0	12.6	11.9	10.5	21
21							11.3	12.7	12.9 -	12.6	11.9	10.5	22
22							11.3	12.8	12.9 -	12.6	11.9	10.4	23
23							11.4	12.8	12.9 -	12.6	11.8	10.4	24
24							11.4	12.9	12.9 -	12.6	11.8	10.3	25
25						10.4	11.4	12.9	12.9 -	12.6	11.8	10.3	26
26						10.4	11.4	12.9	12.9 -	12.6	11.8	10.3	27
27						10.4	11.5	12.9	12.9 -	12.6	11.7	10.2	28
28						10.5 +	11.6	13.0	12.9 -	12.5 -	11.7	10.2	29
29						10.5 +	11.6	13.1 +	12.9 -	12.5 -	11.6 -	10.1 -	30
30						10.5 +	11.6	13.1 +	12.9 -	12.5 -	11.6 -	10.1 -	31
31							11.7 +	13.1 +		12.5 -			
Monatsmittel							11.0	12.4	13.0 +	12.7	12.0	10.9 -	
Maximum						10.6 -	11.7	13.1 +	13.1 +	12.9	12.5	11.6	
Datum						30.06	30.07	29.08	01.09	01.10	01.11	01.12	
Minimum						10.3	10.5	11.7	12.8 +	12.4	11.6	10.0 -	
Datum						25.06	01.07	01.08	30.09	31.10	29.11	31.12	
Amplitude						0.3	1.2	1.4	0.3	0.5	0.9	1.6	
Jahr 2010	Mittel		11.9 °C	Maximum	13.1 (29.Aug)	Minimum	10.0 (31.Dez)	Amplitude	3.1 °C				



Periode	2010 - 2010												
Monatsmittel						11.0	12.4	13.0 +	12.7	12.0	10.9 -		
Maximum						10.6 -	11.7	13.1 +	13.1 +	12.9	12.5	11.6	
Jahr						2010	2010	2010	2010	2010	2010	2010	
Minimum						10.3	10.5	11.7	12.8 +	12.4	11.6	10.0 -	
Jahr						2010	2010	2010	2010	2010	2010	2010	
Amplitude						0.3 -	1.2	1.4	0.3 -	0.5	0.9	1.6 +	
Jahr						2010	2010	2010	2010	2010	2010	2010	
Periode	Mittel		12.0 °C	Maximum	13.1 (29.Aug 2010)	Minimum	10.0 (31.Dez 2010)	Amplitude	3.1 °C				

Darstellung der letzten 1 Jahre



Leitfähigkeit



Laufental

Duggingen

Abstichpunkt:

OK Terrain:

115.C.7

304.15

303.32

Liebmatt

m ü.M.

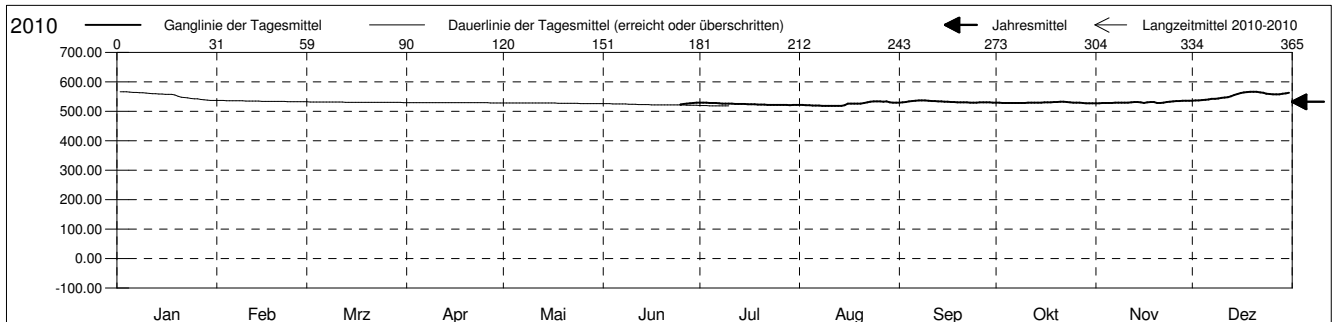
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

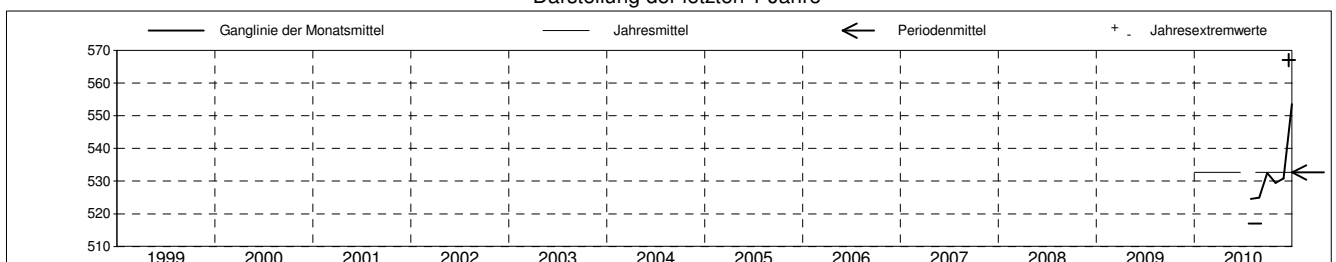
Koordinaten: 612273.00 / 255897.00

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1							529 +	522	529 -	529	527 -	536 -	1
2							529 +	522	530	529	528	537	2
3							529 +	521	532	529	528	538	3
4							528	521	533	528	528	538	4
5							528	520	535	528	528	539	5
Tagesmittel													
6							528	520	536	528	529	540	6
7							527	520	537 +	528	529	542	7
8							527	519	537 +	528	529	542	8
9							526	519	537 +	528	529	543	9
10							526	519	536	529	530	545	10
11							526	518 -	536	529	530	547	11
12							525	518 -	535	529	530	548	12
13							525	518 -	534	529	531	552	13
14							525	518 -	534	530	531	556	14
15							525	521	533	530	531	559	15
Max. +													
16							524	527	532	530	528	562	16
17							524	526	532	531	531	564	17
18							524	526	531	531	532	566	18
19							523	526	531	532	532	567 +	19
20							523	527	531	532	529	567 +	20
Min. -													
21							523	529	531	533 +	529	566	21
22							522	531	530	532	530	564	22
23							522	533	530	531	532	563	23
24							522	533	530	530	533	560	24
25						523	522	534 +	530	530	534	559	25
26						525	522	533	530	530	535	558	26
27						526	522	533	531	529	535	558	27
28						528	522	533	531	528	536 +	558	28
29						528	521 -	531	530	528	536 +	560	29
30						529 +	522	529	530	527 -	536 +	561	30
31							522	529		527 -		563	31
Monatsmittel							525 -	525 -	532	529	531	554 +	
Maximum						529 -	529 -	534	537	533	536	567 +	
Datum						29.06	01.07	24.08	06.09	21.10	27.11	19.12	
Minimum						522	521	517 -	529	527	527	536 +	
Datum						25.06	25.07	15.08	01.09	29.10	01.11	01.12	
Amplitude						7	8	17	8	6	9	31	
Jahr 2010	Mittel	532		Maximum	567 (19.Dez)		Minimum	517 (15.Aug)		Amplitude	50		



Periode	2010 - 2010											
Monatsmittel						525 -	525 -	532	529	531	554 +	
Maximum						529 -	529 -	534	537	533	536	567 +
Jahr						2010	2010	2010	2010	2010	2010	2010
Minimum						522	521	517 -	529	527	527	536 +
Jahr						2010	2010	2010	2010	2010	2010	2010
Amplitude						7	8	17	8	6 -	9	31 +
Jahr						2010	2010	2010	2010	2010	2010	2010
Periode	Mittel	533		Maximum	567 (19.Dez 2010)		Minimum	517 (15.Aug 2010)		Amplitude	50	

Darstellung der letzten 1 Jahre



Grundwasserspiegel im Laufental

Station 115.C.7

OPK

209435

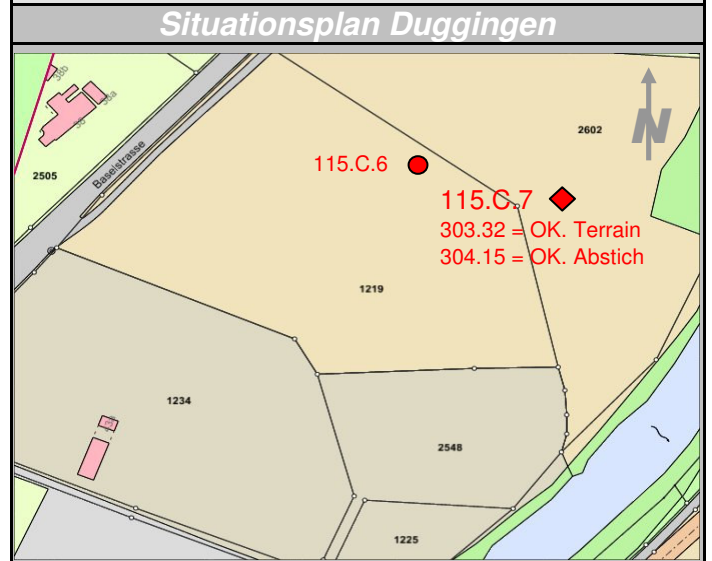
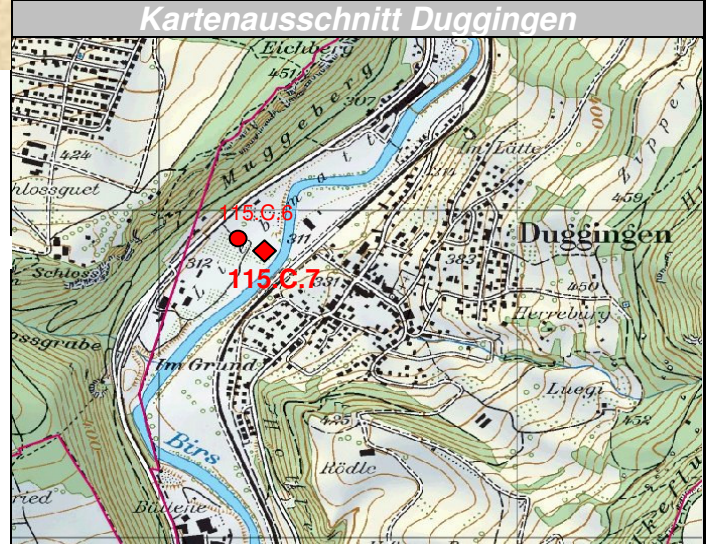
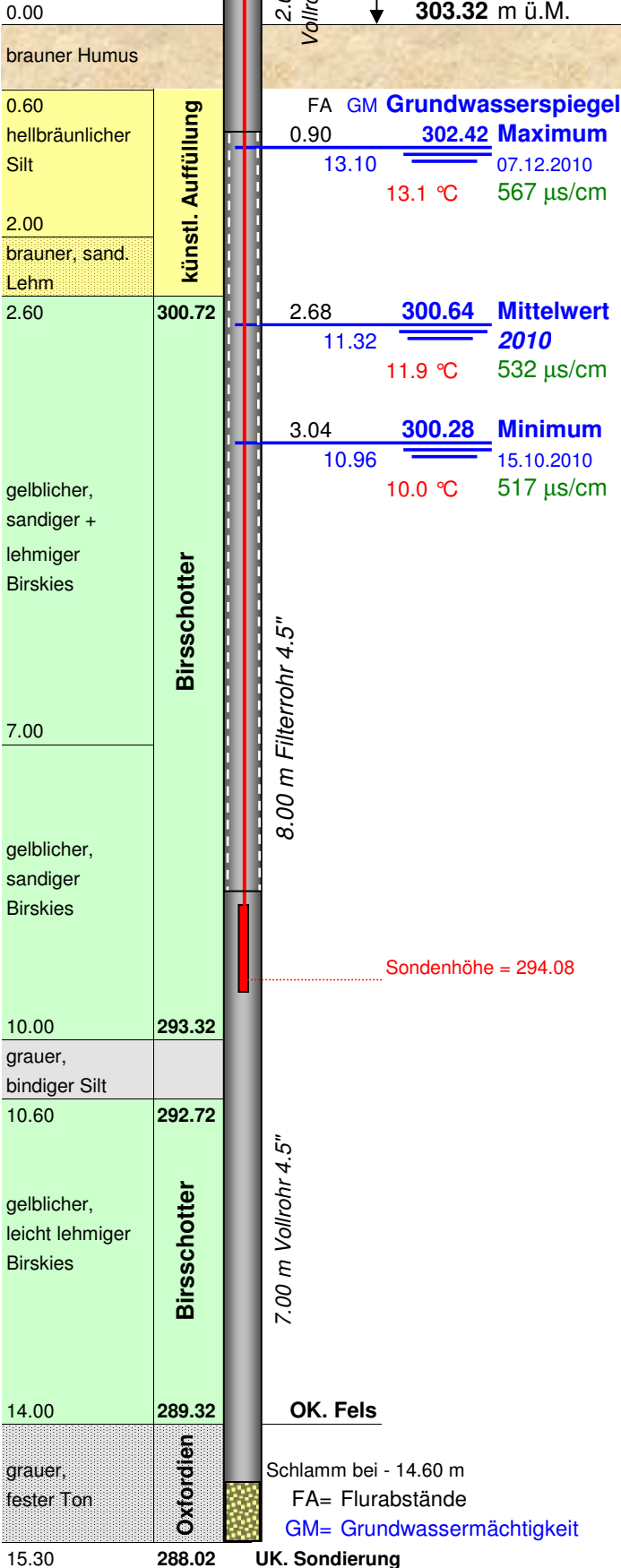
Duggingen

Liebmann (Wenger AG)

Koordinaten: 612'273 / 255'897

OK. Rohr = 304.08 m ü.M.
OK. Abstich = 304.15 m ü.M.
OK. Terrain = 303.32 m ü.M.

Messwerte: Grundwasserspiegel
Temperatur
Leitfähigkeit



25.6.2010