

Grundwasserstände



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.R.17

282.38

282.53

J18 Reinach Nord

m ü.M.

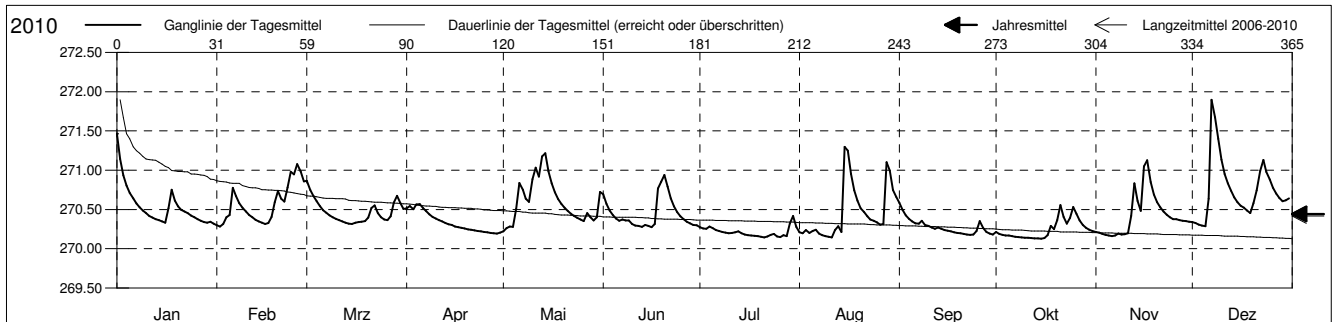
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

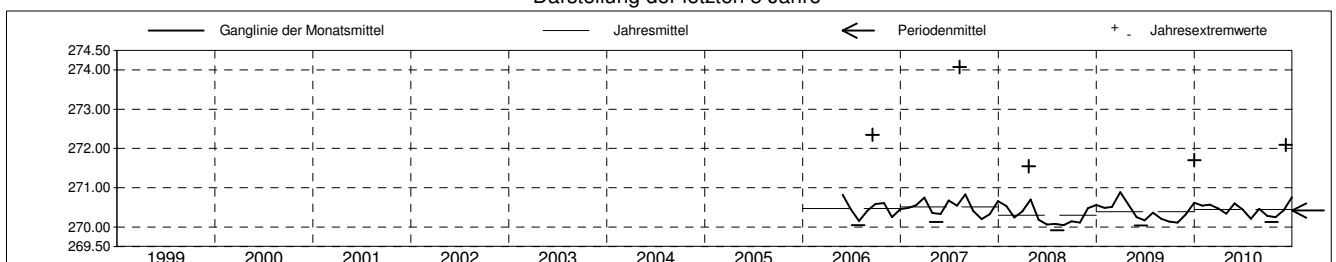
Koordinaten: 612799.81 / 261811.50

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	271.47 +	270.30	270.87 +	270.52	270.22 -	270.69	270.27	270.21	270.58 +	270.21	270.22	270.34	1
2	271.14	270.29 -	270.75	270.54	270.26	270.57	270.26	270.20	270.49	270.19	270.20	270.33	2
3	270.94	270.32	270.67	270.50	270.28	270.49	270.25	270.24	270.43	270.18	270.19	270.31	3
4	270.81	270.40	270.61	270.56	270.28	270.43	270.29	270.20	270.38	270.17	270.18	270.30	4
5	270.71	270.43	270.54	270.57 +	270.51	270.39	270.26	270.22	270.35	270.17	270.17	270.29 -	5
Tagesmittel													
6	270.64	270.78	270.49	270.52	270.84	270.36	270.24	270.24	270.32	270.16	270.16 -	270.64	6
7	270.58	270.67	270.46	270.48	270.75	270.37	270.23	270.19	270.32	270.15	270.17	271.90 +	7
8	270.53	270.58	270.42	270.44	270.64	270.36	270.21	270.17	270.36	270.15	270.19	271.67	8
9	270.49	270.52	270.40	270.41	270.60	270.36	270.21	270.16	270.30	270.14	270.18	271.40	9
10	270.45	270.47	270.38	270.38	270.89	270.31	270.20	270.15 -	270.29	270.14	270.18	271.13	10
11	270.42	270.43	270.36	270.36	271.03	270.30	270.20	270.15 -	270.27	270.14	270.20	270.95	11
12	270.40	270.40	270.35	270.35	270.92	270.29	270.21	270.24	270.26	270.14	270.42	270.83	12
13	270.38	270.37	270.33	270.33	271.18	270.28	270.22	270.29	270.27	270.13 -	270.83	270.74	13
14	270.37	270.35	270.32	270.31	271.21 +	270.30	270.20	270.21	270.25	270.13 -	270.61	270.66	14
Max. +	270.35	270.33	270.31 -	270.31	270.98	270.29	270.18	271.30 +	270.24	270.13 -	270.48	270.59	15
16	270.33	270.31	270.33	270.28	270.83	270.27 -	270.17	271.25	270.23	270.14	271.05	270.55	16
17	270.51	270.33	270.34	270.27	270.72	270.31	270.17	270.95	270.22	270.17	271.13 +	270.52	17
18	270.75	270.40	270.34	270.26	270.63	270.77	270.17	270.74	270.21	270.29	270.85	270.49	18
19	270.61	270.59	270.35	270.26	270.57	270.85	270.16	270.61	270.20	270.25	270.69	270.45	19
Min. -	270.54	270.73	270.40	270.25	270.52	270.94 +	270.15	270.52	270.20	270.36	270.59	270.58	20
21	270.50	270.64	270.52	270.24	270.48	270.79	270.14 -	270.46	270.19	270.56 +	270.53	270.74	21
22	270.47	270.60	270.55	270.23	270.45	270.64	270.16	270.41	270.18 -	270.41	270.47	270.99	22
23	270.45	270.78	270.46	270.23	270.42	270.54	270.18	270.37	270.18 -	270.32	270.43	271.13	23
24	270.42	270.98	270.40	270.22	270.39	270.47	270.19	270.36	270.18 -	270.39	270.40	270.98	24
25	270.40	270.95	270.37	270.21	270.37	270.41	270.16	270.34	270.22	270.53	270.38	270.88	25
26	270.38	271.08 +	270.36	270.21	270.35	270.38	270.15	270.31	270.35	270.45	270.38	270.78	26
27	270.35	270.98	270.41	270.20	270.45	270.35	270.17	270.32	270.26	270.36	270.36	270.70	27
28	270.34	270.86	270.59	270.20	270.40	270.32	270.16	271.10	270.21	270.30	270.36	270.65	28
29	270.33		270.68	270.19 -	270.36	270.30	270.32	271.00	270.19	270.27	270.35	270.61	29
30	270.34		270.59	270.21	270.40	270.30	270.42 +	270.75	270.18 -	270.24	270.34	270.62	30
31	270.32 -		270.51	270.73	270.73		270.28	270.66		270.23		270.64	31
Monatsmittel	270.54	270.57	270.47	270.34	270.60	270.45	270.21 -	270.46	270.28	270.25	270.42	270.75 +	
Maximum	271.68	271.13	270.90	270.60	271.40	270.96	270.50 -	271.74	270.63	270.59	271.30	272.09 +	
Datum	01.01	26.02	01.03	04.04	13.05	20.06	29.07	15.08	01.09	21.10	16.11	07.12	
Amplitude	1.37	0.85	0.60	0.41	1.19	0.69	0.36	1.60	0.46	0.46	1.15	1.81	
Jahr 2010	Mittel	270.44 m ü.M.		Maximum	272.09 (07.Dez)			Minimum	270.13 (15.Okt)		Amplitude	1.96 m	



2006 - 2010												
Monatsmittel	270.51	270.47	270.62 +	270.49	270.44	270.36	270.27	270.39	270.31	270.25 -	270.36	270.61
Maximum	271.68	271.21	271.68	271.55	271.50	271.46	271.06 -	274.07 +	272.35	271.77	271.30	272.09
Jahr	2010	2009	2007	2008	2006	2007	2009	2007	2006	2006	2010	2010
Minimum	270.17 +	270.10	270.12	270.16	270.01	269.95	269.95	269.92 -	269.92 -	269.92 -	270.09	270.17 +
Jahr	2007	2008	2008	2007	2008	2008	2008	2008	2008	2008	2009	2006
Amplitude	1.37	0.92 -	1.28	1.28	1.19	1.13	0.96	3.84 +	2.21	1.55	1.15	1.81
Jahr	2010	2009	2007	2008	2010	2007	2009	2007	2006	2006	2010	2010
Periode	Mittel	270.42 m ü.M.		Maximum	274.07 (09.Aug 2007)		Minimum	269.92 (07.Aug 2008)		Amplitude		4.16 m

Darstellung der letzten 5 Jahre



Grundwassertemperatur



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.R.17

282.38

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J18 Reinach Nord

m ü.M.

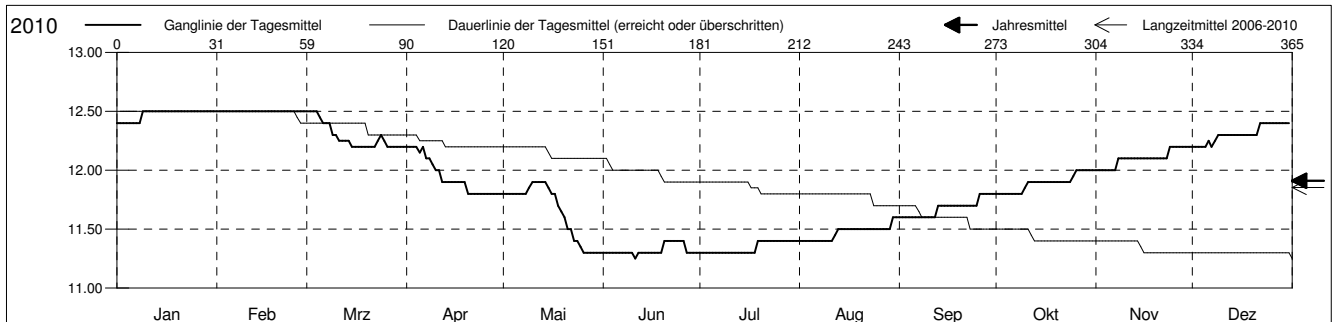
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

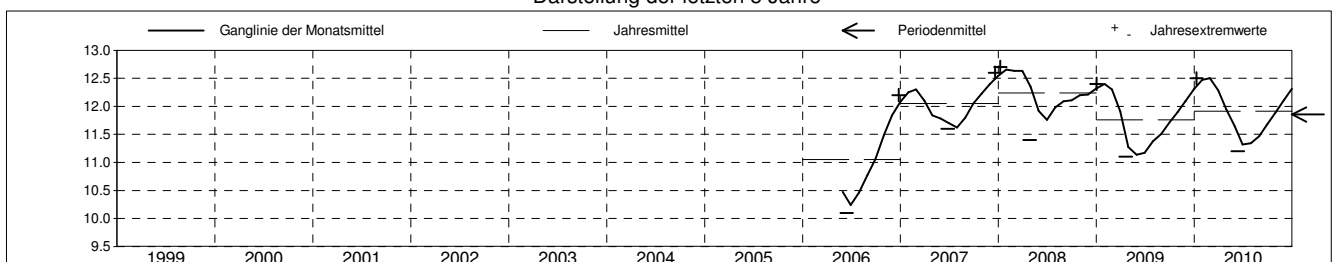
Koordinaten: 612799.81 / 261811.50

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.4 -	12.5 +	12.5 +	12.2 +	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.2 -	1
2	12.4 -	12.5 +	12.5 +	12.2 +	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.2 -	2
3	12.4 -	12.5 +	12.5 +	12.2 +	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.2 -	3
4	12.4 -	12.5 +	12.5 +	12.2 +	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.2 -	4
5	12.4 -	12.5 +	12.4	12.1	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.2 -	5
Tagesmittel													
6	12.4 -	12.5 +	12.4	12.2 +	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.3	6
7	12.4 -	12.5 +	12.4	12.1	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.0 -	12.2 -	7
8	12.4 -	12.5 +	12.4	12.1	11.8	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.1	12.3	8
9	12.5 +	12.5 +	12.3	12.1	11.9 +	11.3 -	11.3 -	11.4 -	11.6 -	11.8 -	12.1	12.3	9
10	12.5 +	12.5 +	12.3	12.0	11.9 +	11.3 -	11.3 -	11.4 -	11.6 -	11.9	12.1	12.3	10
11	12.5 +	12.5 +	12.3	12.0	11.9 +	11.3 -	11.3 -	11.4 -	11.6 -	11.9	12.1	12.3	11
12	12.5 +	12.5 +	12.3	11.9	11.9 +	11.3 -	11.3 -	11.4 -	11.6 -	11.9	12.1	12.3	12
13	12.5 +	12.5 +	12.3	11.9	11.9 +	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	13
14	12.5 +	12.5 +	12.3	11.9	11.9 +	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	14
15	12.5 +	12.5 +	12.2 -	11.9	11.9 +	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	15
Max. +													
16	12.5 +	12.5 +	12.2 -	11.9	11.8	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	16
17	12.5 +	12.5 +	12.2 -	11.9	11.8	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	17
18	12.5 +	12.5 +	12.2 -	11.9	11.7	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	18
19	12.5 +	12.5 +	12.2 -	11.9	11.6	11.3 -	11.4 +	11.5	11.7	11.9	12.1	12.3	19
20	12.5 +	12.5 +	12.2 -	11.8 -	11.6	11.4 +	11.4 +	11.5	11.7	11.9	12.1	12.3	20
Min. -													
21	12.5 +	12.5 +	12.2 -	11.8 -	11.5	11.4 +	11.4 +	11.5	11.7	11.9	12.1	12.3	21
22	12.5 +	12.5 +	12.2 -	11.8 -	11.5	11.4 +	11.4 +	11.5	11.7	11.9	12.1	12.4 +	22
23	12.5 +	12.5 +	12.3	11.8 -	11.4	11.4 +	11.4 +	11.5	11.7	11.9	12.1	12.4 +	23
24	12.5 +	12.5 +	12.3	11.8 -	11.4	11.4 +	11.4 +	11.5	11.7	11.9	12.2 +	12.4 +	24
25	12.5 +	12.5 +	12.3	11.8 -	11.4	11.4 +	11.4 +	11.5	11.7	11.9	12.2 +	12.4 +	25
26	12.5 +	12.5 +	12.2 -	11.8 -	11.3 -	11.4 +	11.4 +	11.5	11.8 +	12.0 +	12.2 +	12.4 +	26
27	12.5 +	12.5 +	12.2 -	11.8 -	11.3 -	11.3 -	11.4 +	11.5	11.8 +	12.0 +	12.2 +	12.4 +	27
28	12.5 +	12.5 +	12.2 -	11.8 -	11.3 -	11.3 -	11.4 +	11.5	11.8 +	12.0 +	12.2 +	12.4 +	28
29	12.5 +		12.2 -	11.8 -	11.3 -	11.3 -	11.4 +	11.5	11.8 +	12.0 +	12.2 +	12.4 +	29
30	12.5 +		12.2 -	11.8 -	11.3 -	11.3 -	11.4 +	11.6 +	11.8 +	12.0 +	12.2 +	12.4 +	30
31	12.5 +		12.2 -		11.3 -		11.4 +	11.6 +		12.0 +		12.4 +	31
Monatsmittel	12.5 +	12.5 +	12.3	11.9	11.6	11.3 -	11.3 -	11.5	11.7	11.9	12.1	12.3	
Maximum	12.5 +	12.5 +	12.5 +	12.2	11.9	11.4 -	11.4 -	11.6	11.8	12.0	12.2	12.4	
Datum	09.01	01.02	01.03	01.04	09.05	20.06	19.07	30.08	26.09	25.10	24.11	22.12	
Minimum	12.4	12.5 +	12.2	11.8	11.3	11.2 -	11.3	11.4	11.6	11.8	12.0	12.2	
Datum	01.01	01.02	11.03	20.04	25.05	11.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.1	0.0 +	0.3	0.4	0.6	0.2	0.1	0.2	0.2	0.2	0.2	0.2	
Jahr 2010	Mittel	11.9 °C		Maximum	12.5 (09.Jan)		Minimum	11.2 (11.Jun)		Amplitude		1.3 °C	



2006 - 2010													
Monatsmittel	12.4 +	12.4 +	12.2	11.9	11.4	11.2 -	11.4	11.5	11.7	11.9	12.1	12.3	
Maximum Jahr	12.7 + 2008	12.7 + 2008	12.7 + 2008	12.7 + 2008	12.2 2008	11.9 - 2008	12.0 2008	12.1 2008	12.2 2008	12.3 2007	12.5 2007	12.6 2007	
Minimum Jahr	12.2 + 2007	12.2 + 2009	11.5 2009	11.1 2009	10.2 2006	10.1 - 2006	10.3 2006	10.6 2006	10.9 2006	11.2 2006	11.7 2006	11.9 2006	
Amplitude Jahr	0.1 - 2007	0.2 2009	0.7 2009	1.3 + 2008	0.6 2010	0.2 2006	0.3 2006	0.3 2006	0.3 2006	0.5 2006	0.2 2006	0.3 2006	
Periode	Mittel	11.9 °C		Maximum	12.7 (08.Jan 2008)		Minimum	10.1 (14.Jun 2006)		Amplitude		2.6 °C	

Darstellung der letzten 5 Jahre



Grundwasserspiegel im Birstal

Station 20.R.17 Münchenstein

Opm 208415

J18 Reinach Nord

Koordinaten: 612'799.8 / 261'811.5

OK.Abstich = 282.38 m ü.M.

Trottoir

OK. Terrain
282.53 m ü.M.

Anschluss-Strassenbrücke J18

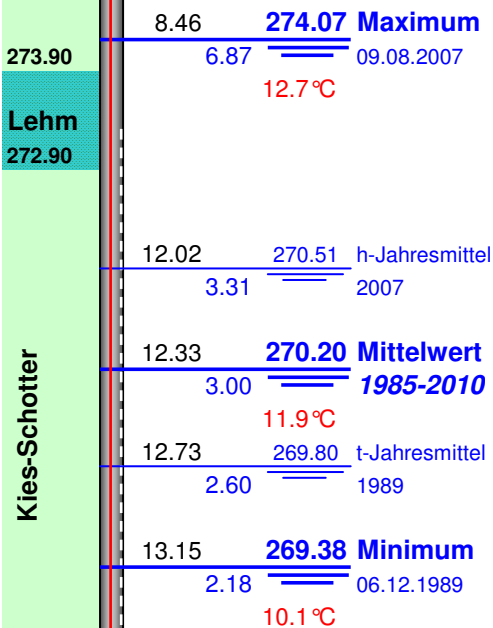
OK.Rohr
282.38 m ü.M.

FA GM

4" Rohr
geschlitz bis 273.03 m ü.M.

Kies-Auffüllung

Grundwasserspiegel



273.90

Lehm

272.90

Kies-Schotter

267.20

Fels

UK.Sondierung = 264.90

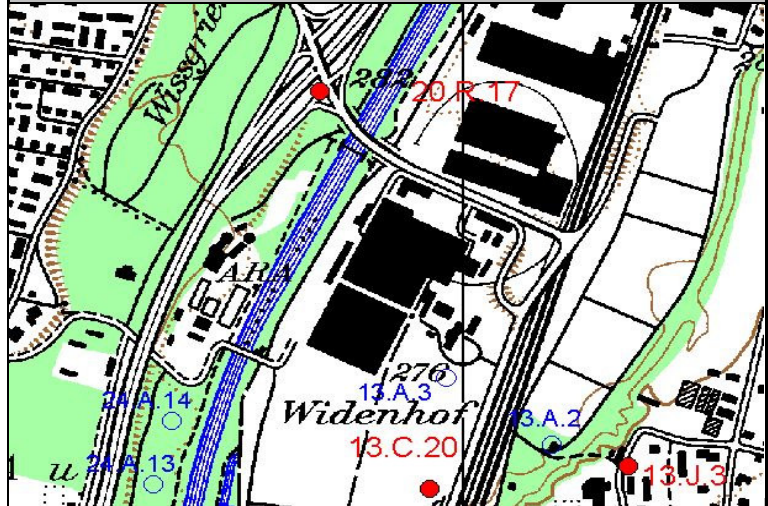
Elsäss.
Molasse

FA= Flurabstände

GM= Grundwassermächtigkeit

Messwerte: Grundwasserspiegel
Temperatur

Kartenausschnitt Münchenstein



Situationsplan Münchenstein

