

Grundwasserstände



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.J.54

273.84

273.66

Cementfabrik

m ü.M.

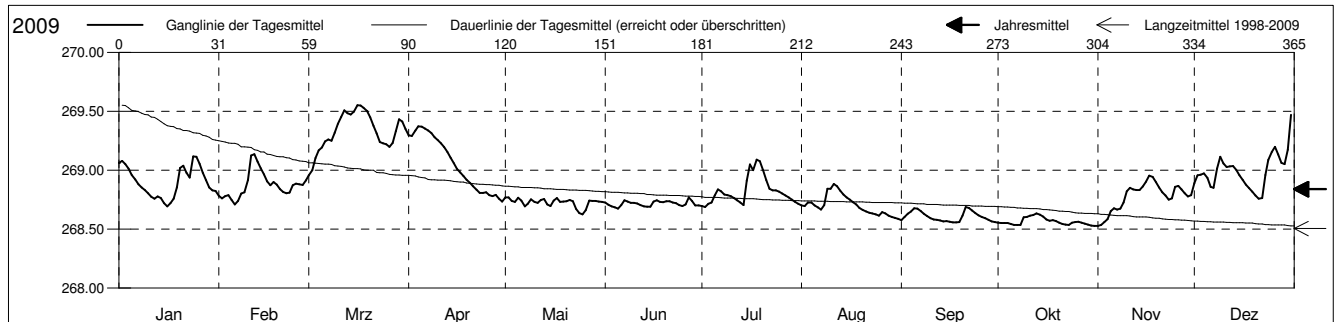
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

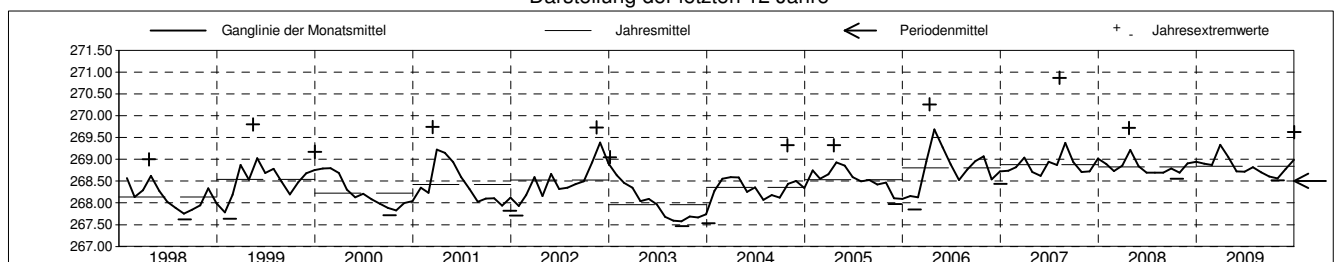
Koordinaten: 613313.25 / 262133.98

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	269.06	268.78	268.96 -	269.30	268.77 +	268.73	268.70	268.70	268.58	268.56	268.53 -	268.89	1
2	269.08	268.76	269.00	269.29	268.77 +	268.71	268.69 -	268.70	268.60	268.55	268.53 -	268.96	2
3	269.05	268.78	269.10	269.34	268.74	268.69	268.71	268.72	268.63	268.55	268.56	268.96	3
4	269.01	268.79	269.17	269.37 +	268.73	268.68 -	268.73	268.72	268.65	268.55	268.58	268.97	4
5	268.96	268.75	269.19	269.37 +	268.77 +	268.68 -	268.79	268.70	268.68	268.54	268.65	268.94	5
Tagesmittel													
6	268.92	268.71 -	269.25	269.35	268.74	268.70	268.84	268.68	268.68	268.54	268.68	268.86	6
7	268.88	268.74	269.26	269.34	268.69	268.74	268.82	268.67	268.65	268.53 -	268.67	268.85	7
8	268.85	268.80	269.25	269.32	268.71	268.73	268.79	268.70	268.63	268.54	268.67	269.01	8
9	268.83	268.81	269.32	269.28	268.75	268.72	268.79	268.84	268.61	268.60	268.73	269.11	9
10	268.80	268.92	269.40	269.26	268.73	268.72	268.78	268.84	268.59	268.60	268.82	269.06	10
11	268.78	269.13	269.45	269.23	268.72	268.72	268.76	268.88 +	268.58	268.61	268.85	269.03	11
12	268.76	269.14 +	269.51	269.20	268.75	268.70	268.74	268.86	268.58	268.62	268.84	269.03	12
13	268.78	269.07	269.48	269.16	268.75	268.69	268.73	268.83	268.57	268.63 +	268.83	269.04	13
14	268.76	269.02	269.47	269.11	268.71	268.69	268.70	268.79	268.57	268.62	268.83	269.00	14
15	268.72	268.97	269.50	269.06	268.70	268.69	268.91	268.77	268.57	268.61	268.86	268.96	15
Max. +													
16	268.69 -	268.91	269.55 +	269.01	268.74	268.74	269.05	268.75	268.56 -	268.58	268.90	268.92	16
17	268.72	268.87	269.55 +	268.98	268.76	268.74	269.00	268.73	268.56 -	268.57	268.95 +	268.88	17
18	268.76	268.90	269.53	268.95	268.73	268.73	269.09 +	268.71	268.56 -	268.58	268.94	268.85	18
19	268.85	268.88	269.50	268.92	268.73	268.73	269.08	268.68	268.56 -	268.57	268.90	268.82	19
20	269.02	268.84	269.45	268.89	268.74	268.74	269.00	268.66	268.61	268.55	268.85	268.78	20
Min. -													
21	269.04	268.82	269.38	268.86	268.75	268.74	268.92	268.65	268.69 +	268.54	268.81	268.76 -	21
22	268.98	268.81	269.31	268.83	268.74	268.72	268.84	268.64	268.68	268.54	268.79	268.76 -	22
23	268.94	268.81	269.24	268.81	268.67	268.72	268.83	268.63	268.66	268.54	268.75	268.96	23
24	269.12 +	268.87	269.23	268.81	268.64	268.71	268.83	268.62	268.64	268.56	268.76	269.09	24
25	269.12 +	268.89	269.22	268.81	268.63 -	268.69	268.82	268.61	268.62	268.56	268.86	269.16	25
26	269.05	268.88	269.20	268.79	268.66	268.71	268.80	268.64	268.60	268.56	268.87	269.20	26
27	268.98	268.88	269.23	268.78	268.74	268.77 +	268.78	268.63	268.59	268.56	268.84	269.13	27
28	268.92	268.91	269.33	268.79	268.74	268.74	268.77	268.62	268.58	268.55	268.81	269.06	28
29	268.85		269.43	268.76	268.74	268.70	268.75	268.60	268.57	268.54	268.78	269.05	29
30	268.83		269.41	268.73 -	268.73	268.70	268.73	268.60	268.56 -	268.53 -	268.79	269.17	30
31	268.82		269.35		268.73		268.72	268.59 -		268.53 -		269.47 +	31
Monatsmittel	268.90	268.87	269.33 +	269.06	268.73	268.72	268.82	268.70	268.61	268.56 -	268.77	268.99	
Maximum	269.14	269.15	269.57	269.38	268.79	268.78	269.10	268.89	268.69	268.64 -	268.97	269.62 +	
Datum	24.01	12.02	17.03	04.04	02.05	27.06	18.07	11.08	21.09	13.10	17.11	31.12	
Amplitude	0.46	0.45	0.63	0.66	0.17	0.11	0.42	0.31	0.14	0.12	0.44	0.89	
Jahr 2009	Mittel	268.84 m ü.M.	Maximum	269.62 (31.Dez)	Minimum	268.52 (31.Okt)	Amplitude	1.10 m					



Periode	1998 - 2009											
Monatsmittel	268.48	268.47	268.79 +	268.75	268.64	268.50	268.38	268.38	268.33 -	268.41	268.46	268.47
Maximum	269.18 -	269.32	269.74	270.26	269.80	269.31	269.32	270.87 +	269.67	269.71	269.73	269.62
Jahr	2008	1999	2001	2006	1999	2007	1999	2007	2006	2006	2002	2010
Minimum	267.54	267.64	268.03 +	267.95	267.97	267.75	267.61	267.52	267.47 -	267.47 -	267.54	267.64
Jahr	2004	1999	2001	2003	2003	2003	2003	2003	2003	2003	2003	2003
Amplitude	1.36	1.68	1.71	0.95	1.30	0.70 -	0.98	2.21 +	1.28	1.33	0.93	0.98
Jahr	2004	1999	2001	2006	1999	2004	2002	2007	2002	2004	2004	1999
Periode	Mittel	268.50 m ü.M.	Maximum	270.87 (09.Aug 2007)	Minimum	267.47 (01.Okt 2003)	Amplitude	3.40 m				

Darstellung der letzten 12 Jahre



Grundwassertemperatur



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.J.54

273.84

273.66

Cementfabrik

m ü.M.

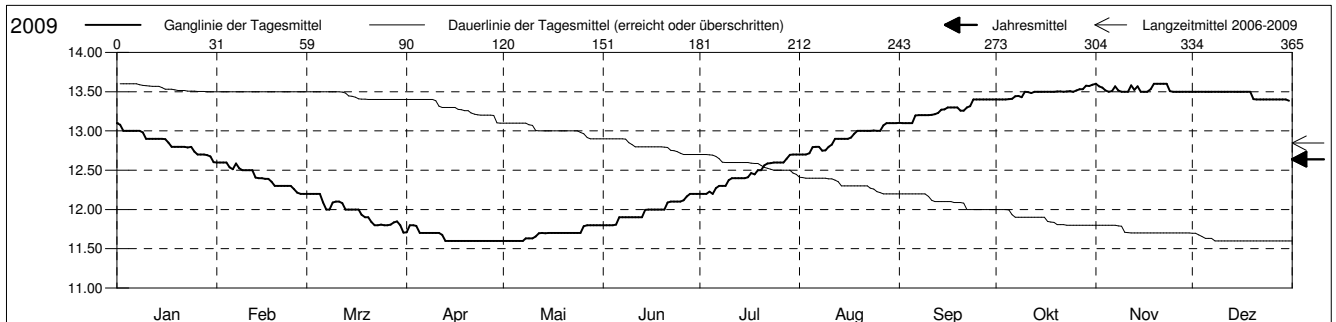
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

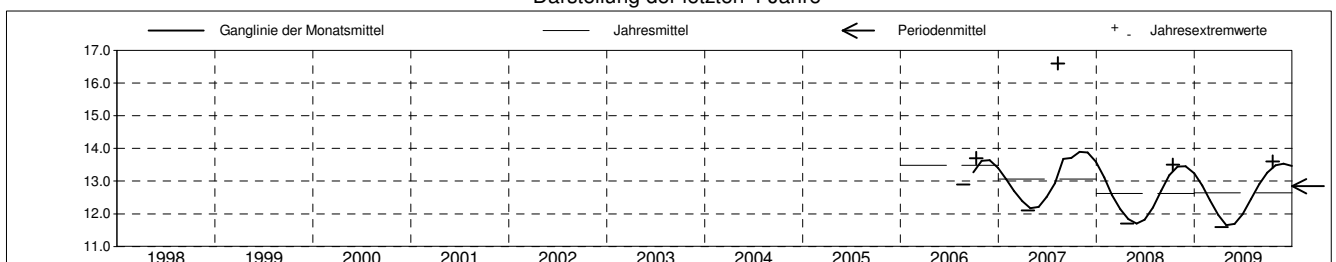
Koordinaten: 613313.25 / 262133.98

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.1 +	12.6 +	12.2 +	11.7	11.6 -	11.8 -	12.2 -	12.7 -	13.1 -	13.4 -	13.6 +	13.5 +	1
2	13.1 +	12.6 +	12.2 +	11.8 +	11.6 -	11.8 -	12.2 -	12.7 -	13.1 -	13.4 -	13.6 +	13.5 +	2
3	13.0	12.6 +	12.2 +	11.8 +	11.6 -	11.8 -	12.2 -	12.7 -	13.1 -	13.4 -	13.6 +	13.5 +	3
4	13.0	12.6 +	12.2 +	11.8 +	11.6 -	11.8 -	12.2 -	12.7 -	13.1 -	13.4 -	13.5 -	13.5 +	4
5	13.0	12.5	12.2 +	11.7	11.6 -	11.8 -	12.2 -	12.8	13.1 -	13.4 -	13.5 -	13.5 +	5
Tagesmittel	13.0	12.5	12.1	11.7	11.6 -	11.9	12.3	12.8	13.2	13.4 -	13.5 -	13.5 +	6
6	13.0	12.6 +	12.0	11.7	11.6 -	11.9	12.3	12.8	13.2	13.4 -	13.6 +	13.5 +	7
7	13.0	12.5	12.0	11.7	11.6 -	11.9	12.3	12.8	13.2	13.4 -	13.5 -	13.5 +	8
8	13.0	12.5	12.1	11.7	11.6 -	11.9	12.3	12.8	13.2	13.4 -	13.5 -	13.5 +	9
9	12.9	12.5	12.1	11.7	11.6 -	11.9	12.4	12.8	13.2	13.5	13.5 -	13.5 +	10
10	12.9	12.5	12.1	11.7	11.6 -	11.9	12.4	12.8	13.2	13.5	13.5 -	13.5 +	11
11	12.9	12.5	12.1	11.7	11.7	11.9	12.4	12.8	13.2	13.5	13.5 -	13.5 +	12
12	12.9	12.5	12.1	11.7	11.7	11.9	12.4	12.9	13.2	13.5	13.6 +	13.5 +	13
13	12.9	12.4	12.0	11.6 -	11.7	11.9	12.4	12.9	13.2	13.5	13.5 -	13.5 +	14
14	12.9	12.4	12.0	11.6 -	11.7	12.0	12.4	12.9	13.3	13.5	13.6 +	13.5 +	15
Max. +	12.9	12.4	12.0	11.6 -	11.7	12.0	12.4	12.9	13.3	13.5	13.5 -	13.5 +	16
16	12.9	12.4	12.0	11.6 -	11.7	12.0	12.4	12.9	13.3	13.5	13.5 -	13.5 +	17
17	12.9	12.4	12.0	11.6 -	11.7	12.0	12.5	12.9	13.3	13.5	13.5 -	13.5 +	18
18	12.8	12.4	11.9	11.6 -	11.7	12.0	12.4	13.0	13.3	13.5	13.5 -	13.5 +	19
19	12.8	12.3	11.9	11.6 -	11.7	12.0	12.5	13.0	13.3	13.5	13.6 +	13.5 +	20
Min. -	12.8	12.3	11.9	11.6 -	11.7	12.0	12.5	13.0	13.3	13.5	13.6 +	13.4 -	21
21	12.8	12.3	11.8	11.6 -	11.7	12.1	12.6	13.0	13.3	13.5	13.6 +	13.4 -	22
22	12.8	12.3	11.8	11.6 -	11.7	12.1	12.6	13.0	13.3	13.5	13.6 +	13.4 -	23
23	12.8	12.3	11.8	11.6 -	11.7	12.1	12.6	13.0	13.3	13.5	13.6 +	13.4 -	24
24	12.8	12.3	11.8	11.6 -	11.7	12.1	12.6	13.0	13.4 +	13.5	13.5 -	13.4 -	25
25	12.7	12.3	11.8	11.6 -	11.7	12.1	12.6	13.0	13.4 +	13.5	13.5 -	13.4 -	26
26	12.7	12.2 -	11.8	11.6 -	11.8 +	12.1	12.6	13.0	13.4 +	13.5	13.5 -	13.4 -	27
27	12.7	12.2 -	11.8	11.6 -	11.8 +	12.2 +	12.6	13.1 +	13.4 +	13.5	13.5 -	13.4 -	28
28	12.7	12.2 -	11.8	11.6 -	11.8 +	12.2 +	12.6	13.1 +	13.4 +	13.5	13.5 -	13.4 -	29
29	12.7		11.9	11.6 -	11.8 +	12.2 +	12.7 +	13.1 +	13.4 +	13.6 +	13.5 -	13.4 -	30
30	12.7		11.8	11.6 -	11.8 +	12.2 +	12.7 +	13.1 +	13.4 +	13.6 +	13.5 -	13.4 -	31
31	12.6 -		11.7 -		11.8 +		12.7 +	13.1 +		13.6 +		13.4 -	31
Monatsmittel	12.9	12.4	12.0	11.6 -	11.7	12.0	12.4	12.9	13.3	13.5 +	13.5 +	13.5 +	
Maximum	13.1	12.6	12.2	11.8 -	11.8 -	12.2	12.7	13.1	13.4	13.6 +	13.6 +	13.5	
Datum	01.01	01.02	01.03	01.04	26.05	26.06	28.07	24.08	23.09	20.10	01.11	01.12	
Minimum	12.6	12.2	11.7	11.6 -	11.6 -	11.8	12.2	12.7	13.1	13.4	13.5 +	13.3	
Datum	29.01	25.02	31.03	12.04	01.05	01.06	01.07	01.08	01.09	01.10	02.11	31.12	
Amplitude	0.5	0.4	0.5	0.2	0.2	0.4	0.5	0.4	0.3	0.2	0.1	0.2	
Jahr 2009	Mittel	12.6 °C		Maximum	13.6 (20.Okt)		Minimum	11.6 (12.Apr)		Amplitude		2.0 °C	



2006 - 2009													
Monatsmittel	13.0	12.6	12.2	11.9 -	11.9 -	12.1	12.5	13.1	13.4	13.6 +	13.6 +	13.4	
Maximum	13.4	12.9	12.6	12.3 -	12.3 -	12.7	13.2	16.6 +	13.8	14.0	13.9	13.8	
Jahr	2008	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	
Minimum	12.6	12.2	11.7	11.6 -	11.6 -	11.7	12.0	12.4	13.0	13.3	13.4 +	13.1	
Jahr	2009	2009	2009	2009	2009	2008	2008	2008	2008	2006	2008	2008	
Amplitude	0.6	0.5	0.5	0.3	0.2 -	0.4	0.5	4.0 +	0.4	0.4	0.2 -	0.4	
Jahr	2008	2008	2009	2008	2007	2007	2007	2007	2006	2006	2006	2007	
Periode	Mittel	12.8 °C		Maximum	16.6 (10.Aug 2007)		Minimum	11.6 (12.Apr 2009)		Amplitude		5.0 °C	

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Birstal

Station 20.J.54 Münchenstein

OPM 213405

Cementfabrik (Doetsch-Grether)

Koordinaten: 613'313.28 / 262'133.99

OK. Abstich

273.84

m ü.M.

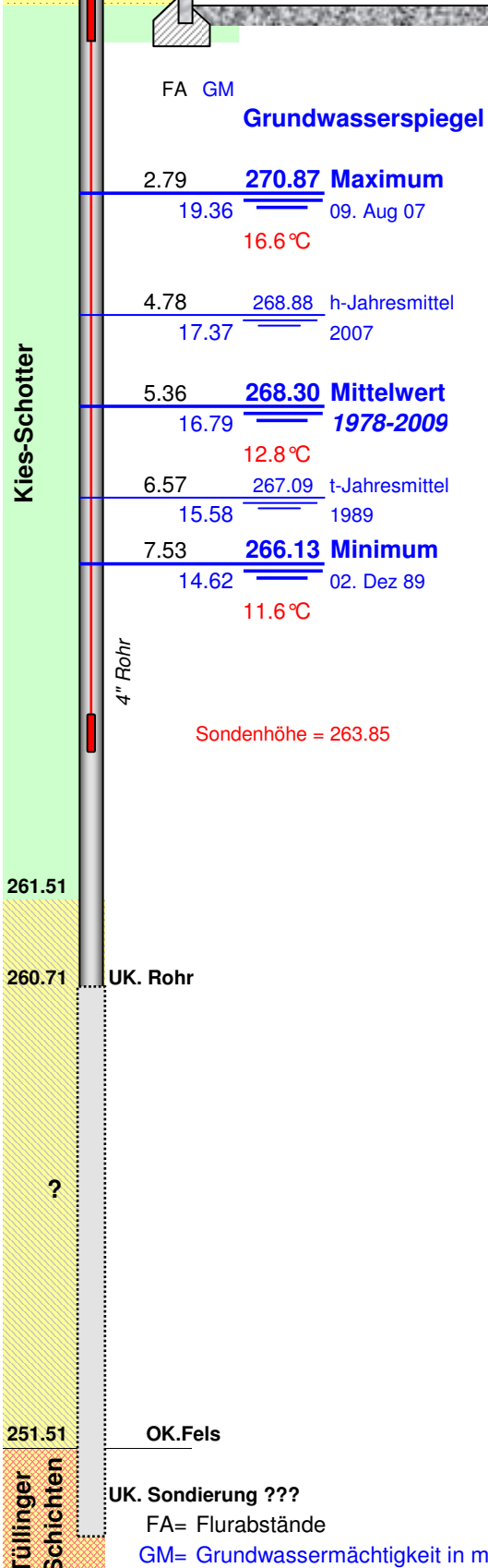
OK. Terrain

273.66 m ü.M.

Messwerte:

Grundwasserspiegel

Temperatur



Kartenausschnitt Münchenstein



Situationsplan Münchenstein

