

Grundwasserstände



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.J.54

273.84

273.66

Cementfabrik

m ü.M.

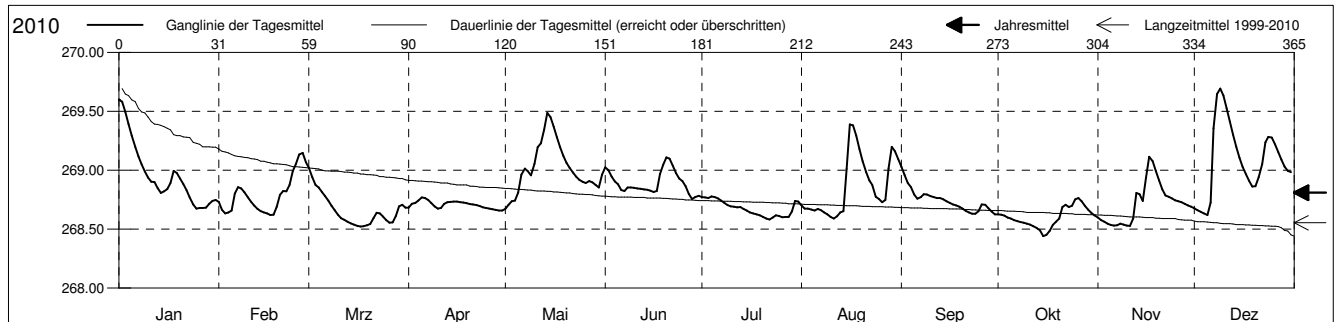
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

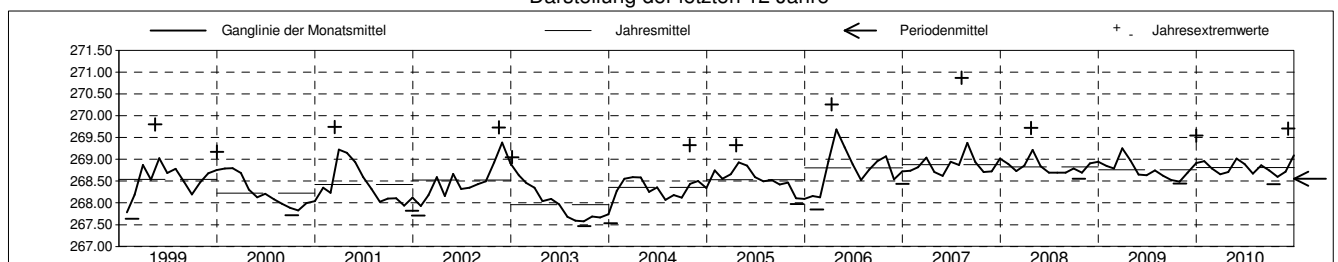
Koordinaten: 613313.25 / 262133.98

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	269.60 +	268.73	269.02 +	268.68	268.67 -	269.03	268.77	268.70	269.03 +	268.63	268.60	268.68	1
2	269.58	268.66	268.94	268.71	268.71	269.00	268.77	268.68	268.96	268.62	268.58	268.66	2
3	269.50	268.63	268.88	268.72	268.74	268.95	268.76	268.68	268.89	268.62	268.56	268.65	3
4	269.39	268.64	268.85	268.74	268.74	268.91	268.78 +	268.67	268.86	268.60	268.55	268.63	4
5	269.29	268.66	268.82	268.77 +	268.81	268.88	268.77	268.66	268.79	268.59	268.54	268.62 -	5
Tagesmittel	269.20	268.80	268.78	268.76	268.96	268.83	268.76	268.67	268.76	268.58	268.53 -	268.73	6
7	269.12	268.86	268.74	268.75	269.01	268.82	268.74	268.66	268.77	268.57	268.53 -	269.36	7
8	269.05	268.85	268.70	268.72	268.99	268.85	268.72	268.64	268.80	268.56	268.55	269.65	8
9	268.99	268.81	268.66	268.69	268.96	268.85	268.70	268.62	268.79	268.55	268.54	269.69 +	9
10	268.94	268.77	268.62	268.67	269.05	268.85	268.69	268.60	268.78	268.55	268.53 -	269.63	10
11	268.90	268.73	268.59	268.68	269.20	268.84	268.69	268.59 -	268.77	268.54	268.53 -	269.53	11
12	268.90	268.70	268.58	268.71	269.23	268.84	268.68	268.61	268.76	268.53	268.59	269.41	12
13	268.85	268.67	268.56	268.73	269.34	268.84	268.69	268.64	268.76	268.51	268.81	269.30	13
14	268.81	268.65	268.55	268.73	269.49 +	268.83	268.67	268.65	268.75	268.49	268.80	269.20	14
Max. +	268.82	268.64	268.54	268.73	269.45	268.83	268.66	269.01	268.74	268.44 -	268.74	269.11	15
16	268.84	268.63	268.53	268.73	269.37	268.82	268.64	269.39 +	268.72	268.45	268.93	269.03	16
17	268.89	268.62 -	268.52 -	268.73	269.28	268.82	268.63	269.38	268.71	268.48	269.11 +	268.97	17
18	269.00	268.62 -	268.52 -	268.73	269.20	268.97	268.63	269.29	268.70	268.54	269.08	268.91	18
19	268.98	268.69	268.53	268.72	269.12	269.05	268.62	269.18	268.69	268.56	268.99	268.86	19
Min. -	268.93	268.79	268.54	268.71	269.06	269.11 +	268.60	269.08	268.67	268.59	268.91	268.86	20
21	268.88	268.82	268.59	268.71	269.02	269.10	268.59	268.98	268.66	268.69	268.84	268.94	21
22	268.83	268.82	268.64	268.70	268.98	269.04	268.58 -	268.91	268.64	268.71	268.78	269.05	22
23	268.77	268.87	268.63	268.70	268.95	268.98	268.60	268.88	268.63 -	268.69	268.77	269.24	23
24	268.71	268.99	268.61	268.69	268.92	268.93	268.62	268.78	268.63 -	268.70	268.76	269.28	24
25	268.67 -	269.06	268.58	268.68	268.90	268.91	268.61	268.76	268.65	268.75	268.74	269.28	25
26	268.68	269.13	268.55	268.68	268.89	268.87	268.60	268.73	268.71	268.76 +	268.74	269.22	26
27	268.68	269.15 +	268.56	268.67	268.91	268.80	268.60	268.75	268.71	268.74	268.73	269.16	27
28	268.68	269.07	268.61	268.66 -	268.90	268.76 -	268.60	269.02	268.68	268.70	268.72	269.09	28
29	268.71		268.69	268.66 -	268.87	268.77	268.65	269.20	268.65	268.67	268.70	269.03	29
30	268.74		268.71	268.66 -	268.85	268.78	268.74	269.16	268.63 -	268.64	268.69	268.99	30
31	268.75		268.68		268.96		268.73	269.10		268.62		268.99	31
Monatsmittel	268.96	268.79	268.66	268.71	269.02	268.89	268.67	268.86	268.74	268.60 -	268.72	269.09 +	
Maximum	269.62	269.17	269.04	268.78	269.49	269.12	268.78	269.41	269.06	268.77 -	269.13	269.70 +	
Datum	01.01	26.02	01.03	06.04	14.05	20.06	01.07	16.08	01.09	26.10	17.11	09.12	
Amplitude	0.95	0.56	0.52	0.12	0.84	0.38	0.20	0.82	0.45	0.34	0.60	1.09	
Jahr 2010	Mittel	268.81 m ü.M.		Maximum	269.70 (09.Dez)		Minimum	268.43 (15.Okt)		Amplitude	1.27 m		



Periode	1999 - 2010											
Monatsmittel	268.51	268.52	268.81 +	268.75	268.70	268.56	268.44	268.46	268.39 -	268.46	268.49	268.56
Maximum	269.62	269.32	269.74	270.26	269.80	269.31 -	269.32	270.87 +	269.67	269.71	269.73	269.70
Jahr	2010	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	1.09
Jahr	2004	1999	2001	2006	1999	2004	2002	2007	2002	2004	2004	2010
Periode	Mittel	268.55 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.

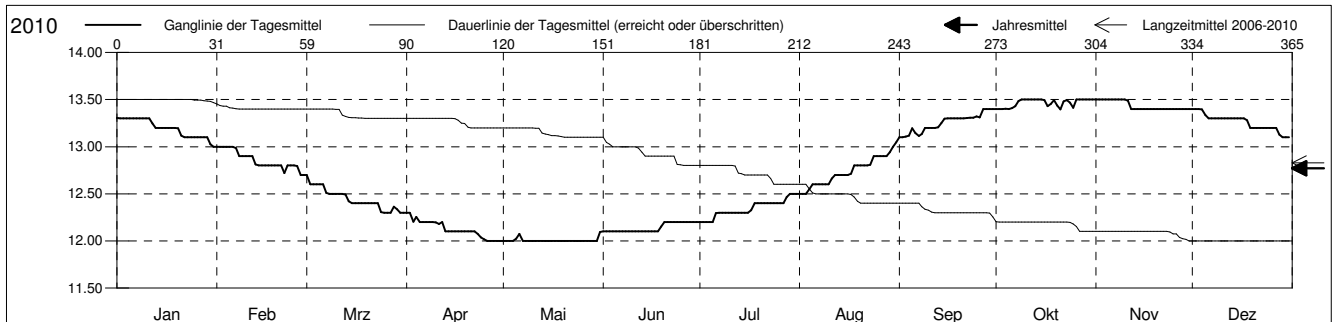
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

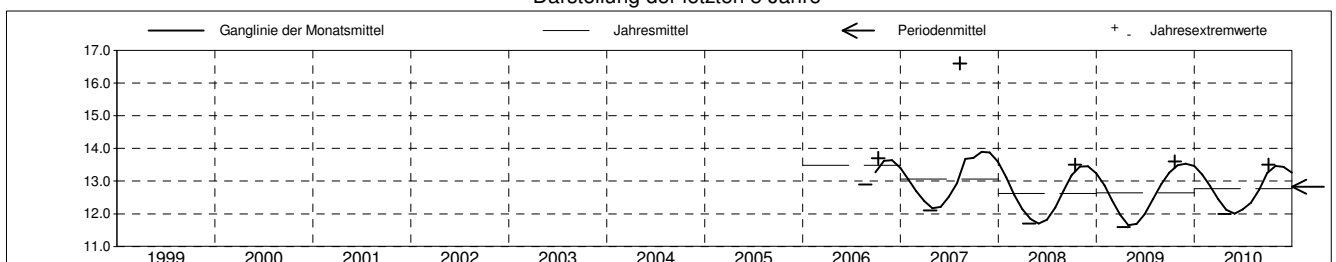
Koordinaten: 613313.25 / 262133.98

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.3 +	13.0 +	12.7 +	12.3 +	12.0 -	12.1 -	12.2 -	12.5 -	13.1 -	13.4 -	13.5 +	13.4 +	1
2	13.3 +	13.0 +	12.6	12.3 +	12.0 -	12.1 -	12.2 -	12.5 -	13.1 -	13.4 -	13.5 +	13.4 +	2
3	13.3 +	13.0 +	12.6	12.2	12.0 -	12.1 -	12.2 -	12.5 -	13.1 -	13.4 -	13.5 +	13.4 +	3
4	13.3 +	13.0 +	12.6	12.3 +	12.0 -	12.1 -	12.2 -	12.6	13.1 -	13.4 -	13.5 +	13.4 +	4
5	13.3 +	13.0 +	12.6	12.2	12.0 -	12.1 -	12.2 -	12.6	13.2	13.4 -	13.5 +	13.3	5
Tagesmittel													
6	13.3 +	13.0 +	12.6	12.2	12.1 +	12.1 -	12.3	12.6	13.1 -	13.4 -	13.5 +	13.3	6
7	13.3 +	13.0 +	12.5	12.2	12.0 -	12.1 -	12.3	12.6	13.1 -	13.4 -	13.5 +	13.3	7
8	13.3 +	12.9	12.5	12.2	12.0 -	12.1 -	12.3	12.6	13.1 -	13.5 +	13.5 +	13.3	8
9	13.3 +	12.9	12.5	12.2	12.0 -	12.1 -	12.3	12.6	13.2	13.5 +	13.5 +	13.3	9
10	13.3 +	12.9	12.5	12.2	12.0 -	12.1 -	12.3	12.6	13.2	13.5 +	13.5 +	13.3	10
11	13.3 +	12.9	12.5	12.2	12.0 -	12.1 -	12.3	12.7	13.2	13.5 +	13.5 +	13.3	11
12	13.2	12.9	12.5	12.2	12.0 -	12.1 -	12.3	12.7	13.2	13.5 +	13.4 -	13.3	12
13	13.2	12.8	12.5	12.1	12.0 -	12.1 -	12.3	12.7	13.2	13.5 +	13.4 -	13.3	13
14	13.2	12.8	12.4	12.1	12.0 -	12.1 -	12.3	12.7	13.3	13.5 +	13.4 -	13.3	14
15	13.2	12.8	12.4	12.1	12.0 -	12.1 -	12.3	12.7	13.3	13.5 +	13.4 -	13.3	15
Max. +													
16	13.2	12.8	12.4	12.1	12.0 -	12.1 -	12.3	12.7	13.3	13.5 +	13.4 -	13.3	16
17	13.2	12.8	12.4	12.1	12.0 -	12.1 -	12.3	12.7	13.3	13.4 -	13.4 -	13.3	17
18	13.2	12.8	12.4	12.1	12.0 -	12.1 -	12.4	12.8	13.3	13.5 +	13.4 -	13.3	18
19	13.2	12.8	12.4	12.1	12.0 -	12.2 +	12.4	12.8	13.3	13.5 +	13.4 -	13.2	19
20	13.2	12.8	12.4	12.1	12.0 -	12.2 +	12.4	12.8	13.3	13.4 -	13.4 -	13.2	20
Min. -													
21	13.1	12.8	12.4	12.1	12.0 -	12.2 +	12.4	12.8	13.3	13.4 -	13.4 -	13.2	21
22	13.1	12.7 -	12.4	12.1	12.0 -	12.2 +	12.4	12.8	13.3	13.5 +	13.4 -	13.2	22
23	13.1	12.8	12.4	12.1	12.0 -	12.2 +	12.4	12.8	13.3	13.5 +	13.4 -	13.2	23
24	13.1	12.8	12.3 -	12.0 -	12.0 -	12.2 +	12.4	12.9	13.3	13.5 +	13.4 -	13.2	24
25	13.1	12.8	12.3 -	12.0 -	12.0 -	12.2 +	12.4	12.9	13.3	13.4 -	13.4 -	13.2	25
26	13.1	12.8	12.3 -	12.0 -	12.0 -	12.2 +	12.4	12.9	13.3	13.5 +	13.4 -	13.2	26
27	13.1	12.7 -	12.3 -	12.0 -	12.0 -	12.2 +	12.4	12.9	13.4 +	13.5 +	13.4 -	13.2	27
28	13.1	12.7 -	12.4	12.0 -	12.0 -	12.2 +	12.5 +	12.9	13.4 +	13.5 +	13.4 -	13.1 -	28
29	13.1		12.3 -	12.0 -	12.0 -	12.2 +	12.5 +	12.9	13.4 +	13.5 +	13.4 -	13.1 -	29
30	13.0 -		12.3 -	12.0 -	12.0 -	12.2 +	12.5 +	13.0 +	13.4 +	13.5 +	13.4 -	13.1 -	30
31	13.0 -		12.3 -		12.1 +		12.5 +	13.0 +		13.5 +		13.1 -	31
Monatsmittel	13.2	12.9	12.4	12.1	12.0 -	12.1	12.3	12.7	13.3	13.5 +	13.4	13.3	
Maximum	13.4	13.0	12.7	12.3	12.1 -	12.2	12.5	13.1	13.4	13.5 +	13.5 +	13.4	
Datum	01.01	01.02	01.03	01.04	05.05	29.06	28.07	31.08	22.09	04.10	01.11	01.12	
Minimum	13.0	12.7	12.3	12.0 -	12.0 -	12.1	12.2	12.5	13.1	13.3	13.4 +	13.1	
Datum	30.01	22.02	24.03	23.04	01.05	01.06	06.07	01.08	01.09	21.10	11.11	28.12	
Amplitude	0.4	0.3	0.4	0.3	0.1	0.1	0.3	0.6	0.3	0.2	0.1	0.3	
Jahr 2010	Mittel	12.8 °C		Maximum	13.5 (04.Okt)		Minimum	12.0 (23.Apr)		Amplitude		1.5 °C	



2006 - 2010													
Monatsmittel	13.1	12.6	12.2	11.9 -	11.9 -	12.1	12.5	13.0	13.3	13.6 +	13.6 +	13.4	
Maximum Jahr	13.4 2008	13.0 2010	12.7 2010	12.3 - 2007	12.3 - 2007	12.7 2007	13.2 2007	16.6 + 2007	13.8 2007	14.0 2007	13.9 2007	13.8 2007	
Minimum Jahr	12.6 2009	12.2 2009	11.7 2009	11.6 - 2009	11.6 - 2009	11.7 2008	12.0 2008	12.4 2008	13.0 2008	13.3 2006	13.4 + 2008	13.1 2008	
Amplitude Jahr	0.6 2008	0.5 2008	0.5 2009	0.3 2008	0.2 - 2007	0.4 2007	0.5 2007	4.0 + 2007	0.4 2006	0.4 2006	0.2 - 2006	0.4 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 5 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.

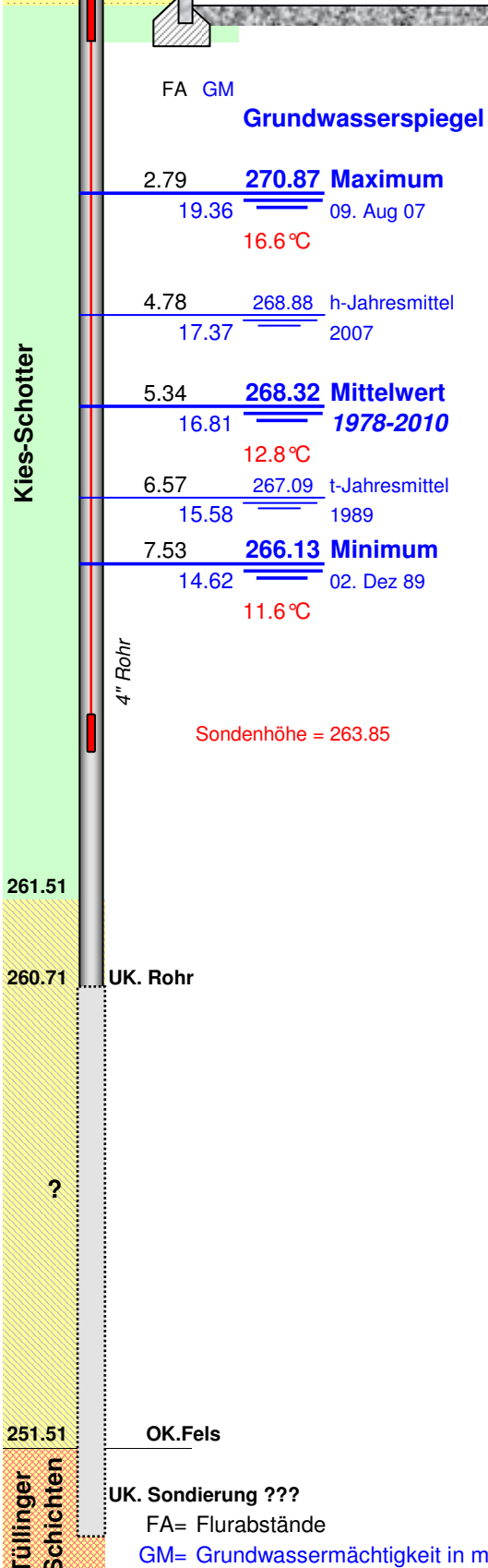
OK. Terrain

273.66 m ü.M.

Messwerte:

Grundwasserspiegel

Temperatur



Kartenausschnitt Münchenstein



Situationsplan Münchenstein

