

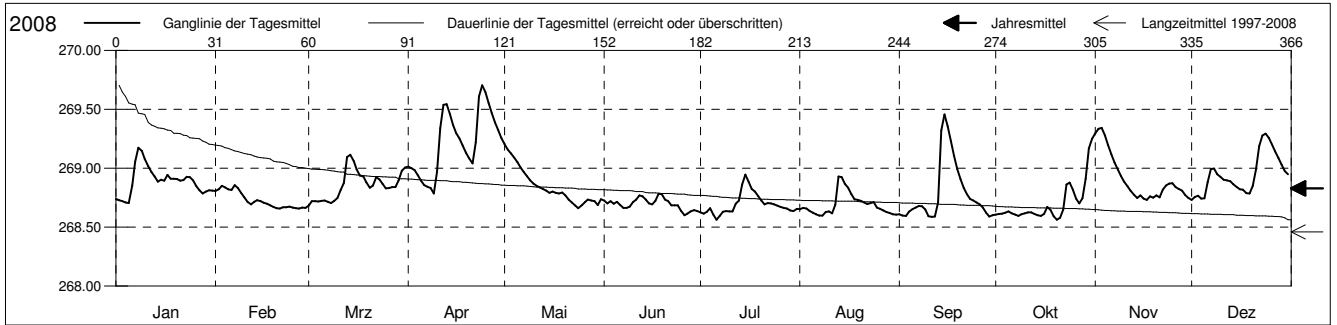
Grundwasserstände



Birstal
 Münchenstein 20.J.54 Zementfabrik
 Abstichpunkt: 273.84 m ü.M.
 OK Terrain: 273.66 m ü.M.

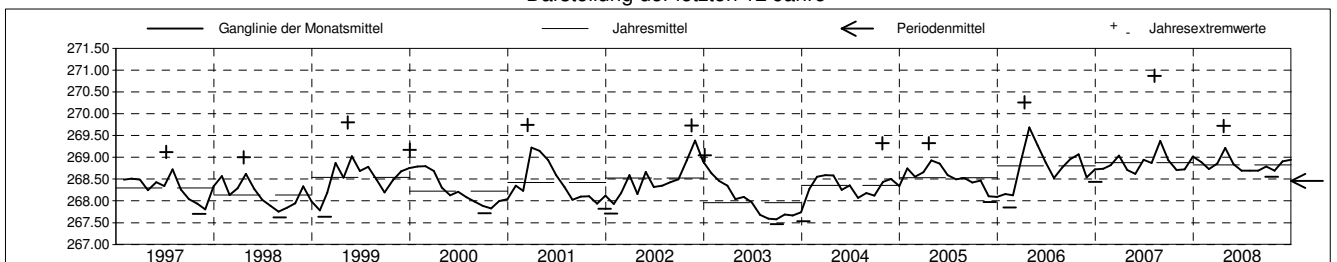
Amt für Umweltschutz und Energie
 Kanton Basel-Landschaft
 Koordinaten: 613313.25 / 262133.98

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	268.74	268.81	268.68 -	269.01	269.20 +	268.73	268.62	268.65	268.61	268.61	269.30	268.73 -	1
2	268.73	268.82	268.72	269.00	269.16	268.70	268.62	268.66	268.60	268.61	269.34 +	268.76	2
3	268.72	268.85	268.72	268.98	269.12	268.72	268.63	268.66	268.59 -	268.61	269.34 +	268.77	3
4	268.71	268.84	268.72	268.94	269.09	268.70	268.66	268.64	268.63	268.62	269.28	268.74	4
5	268.70 -	268.82	268.72	268.90	269.05	268.72	268.61	268.62	268.65	268.63	269.20	268.75	5
Tagesmittel													
6	268.85	268.81	268.72	268.86	269.01	268.69	268.56 -	268.61	268.67	268.62	269.12	268.88	6
7	269.06	268.86 +	268.71	268.84	268.97	268.66	268.60	268.60 -	268.68	268.61	269.05	268.99	7
8	269.17 +	268.83	268.71	268.83	268.93	268.66	268.63	268.60 -	268.68	268.60	268.99	269.00	8
9	269.15	268.79	268.72	268.79 -	268.90	268.67	268.64	268.63	268.65	268.61	268.94	268.95	9
10	269.08	268.75	268.75	268.97	268.87	268.71	268.63	268.63	268.59 -	268.62	268.89	268.93	10
11	269.02	268.72	268.81	269.34	268.85	268.73	268.63	268.62	268.59 -	268.63	268.85	268.90	11
12	268.97	268.69	268.87	269.54	268.84	268.77	268.70	268.69	268.59 -	268.62	268.81	268.90	12
13	268.93	268.71	268.09	269.54	268.82	268.76	268.73	268.93 +	268.71	268.61	268.77	268.89	13
14	268.89	268.73	269.11 +	269.46	268.81	268.73	268.86	268.92	269.32	268.60	268.75	268.87	14
15	268.90	268.72	269.06	269.37	268.79	268.70	268.95 +	268.87	269.46 +	268.60	268.77	268.84	15
Max. +													
16	268.89	268.71	268.99	269.30	268.80	268.69	268.89	268.84	269.36	268.61	268.74	268.82	16
17	268.94	268.70	268.94	269.25	268.79	268.72	268.82	268.78	269.23	268.67	268.73 -	268.82	17
18	268.91	268.69	268.93	269.19	268.78	268.78 +	268.80	268.74	269.10	268.65	268.76	268.79	18
19	268.91	268.67	268.88	269.13	268.79	268.78 +	268.76	268.73	268.99	268.59	268.75	268.79	19
20	268.91	268.66 -	268.83	269.09	268.77	268.73	268.72	268.72	268.91	268.56 -	268.77	268.85	20
Min. -													
21	268.90	268.66 -	268.85	269.04	268.73	268.72	268.69	268.71	268.84	268.58	268.75	268.99	21
22	268.90	268.67	268.92	269.22	268.71	268.68	268.71	268.70	268.78	268.65	268.82	269.19	22
23	268.93	268.67	268.91	269.61	268.68	268.69	268.70	268.70	268.74	268.86	268.85	269.28	23
24	268.92	268.68	268.87	269.71 +	268.66 -	268.68	268.69	268.71	268.72	268.88	268.87	269.29 +	24
25	268.90	268.67	268.83	269.65	268.68	268.64	268.68	268.67	268.71	268.82	268.87	269.26	25
26	268.85	268.66 -	268.83	269.55	268.71	268.60 -	268.67	268.66	268.69	268.74	268.84	269.20	26
27	268.81	268.66 -	268.84	269.47	268.73	268.62	268.66	268.64	268.67	268.70	268.82	269.14	27
28	268.79	268.67	268.84	269.39	268.73	268.63	268.66	268.63	268.62	268.75	268.81	269.09	28
29	268.80	268.66 -	268.90	269.32	268.72	268.64	268.64	268.62	268.59 -	268.91	268.77	269.03	29
30	268.81		268.98	269.26	268.69	268.64	268.64	268.61	268.60	269.17	268.75	268.98	30
31	268.81		269.01		268.74		268.65	268.61		269.25 +		268.95	31
Monatsmittel	268.89	268.73	268.85	269.22 +	268.84	268.70	268.69 -	268.69 -	268.79	268.70	268.91	268.95	
Maximum	269.18	268.86	269.13	269.72 +	269.22	268.80 -	268.96	268.96	269.48	269.27	269.36	269.30	
Datum	08.01	07.02	14.03	24.04	01.05	18.06	15.07	13.08	15.09	31.10	03.11	24.12	
Amplitude	0.48	0.22	0.47	0.94	0.57	0.21	0.41	0.37	0.90	0.72	0.64	0.58	
Jahr 2008	Mittel	268.83 m ü.M.		Maximum	269.72 (24.Apr)		Minimum	268.55 (20.Okt)		Amplitude	1.17 m		



Periode	1997 - 2008												
Monatsmittel	268.45	268.44	268.72 +	268.68	268.62	268.47	268.37	268.34	268.28 -	268.36	268.38	268.42	
Maximum	269.18 -	269.32	269.74	270.26	269.80	269.31	269.32	270.87 +	269.67	269.71	269.73	269.49	
Jahr	2008	1999	2001	2006	1999	2007	1999	2007	2006	2006	2002	2007	
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	1.30	
Jahr	2004	1999	2001	2006	1999	2004	2002	2007	2002	2004	2004	1997	
Periode	Mittel	268.46 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.

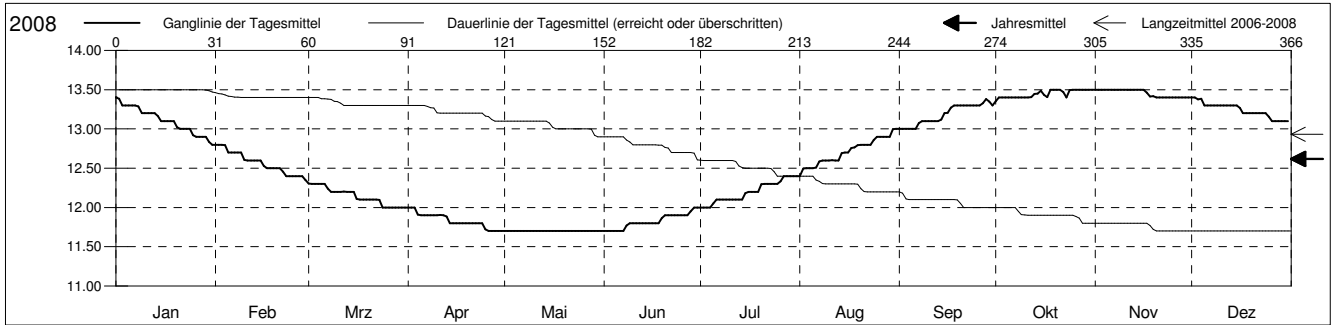
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

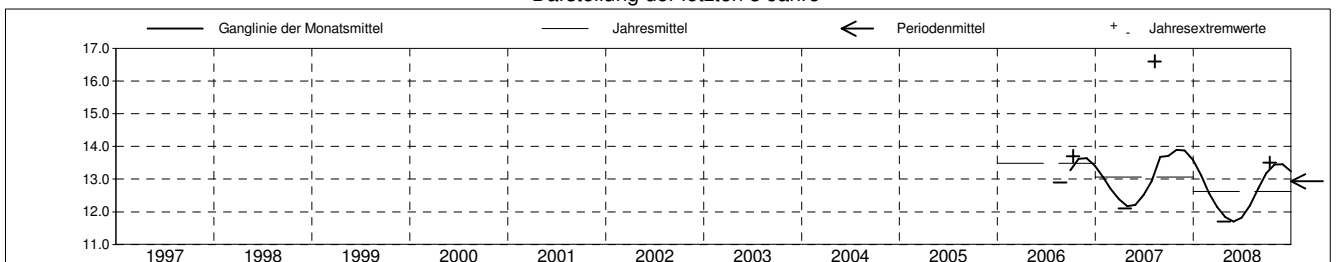
Koordinaten: 613313.25 / 262133.98

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.4 +	12.8 +	12.3 +	12.0 +	11.7 +	11.7 -	12.0 -	12.4 -	13.0 -	13.4 -	13.5 +	13.4 +	1
2	13.4 +	12.8 +	12.3 +	12.0 +	11.7 +	11.7 -	12.0 -	12.5	13.0 -	13.4 -	13.5 +	13.4 +	2
3	13.3	12.8 +	12.3 +	12.0 +	11.7 +	11.7 -	12.0 -	12.5	13.0 -	13.4 -	13.5 +	13.4 +	3
4	13.3	12.8 +	12.3 +	11.9	11.7 +	11.7 -	12.0 -	12.5	13.0 -	13.4 -	13.5 +	13.4 +	4
5	13.3	12.7	12.3 +	11.9	11.7 +	11.7 -	12.1	12.5	13.0 -	13.4 -	13.5 +	13.3	5
6	13.3	12.7	12.3 +	11.9	11.7 +	11.7 -	12.1	12.5	13.0 -	13.4 -	13.5 +	13.3	6
7	13.3	12.7	12.2	11.9	11.7 +	11.7 -	12.1	12.6	13.1	13.4 -	13.5 +	13.3	7
8	13.3	12.7	12.2	11.9	11.7 +	11.8	12.1	12.6	13.1	13.4 -	13.5 +	13.3	8
9	13.2	12.7	12.2	11.9	11.7 +	11.8	12.1	12.6	13.1	13.4 -	13.5 +	13.3	9
10	13.2	12.6	12.2	11.9	11.7 +	11.8	12.1	12.6	13.1	13.4 -	13.5 +	13.3	10
11	13.2	12.6	12.2	11.9	11.7 +	11.8	12.1	12.6	13.1	13.4 -	13.5 +	13.3	11
12	13.2	12.6	12.2	11.9	11.7 +	11.8	12.1	12.6	13.1	13.4 -	13.5 +	13.3	12
13	13.2	12.6	12.2	11.9	11.7 +	11.8	12.1	12.6	13.1	13.4 -	13.5 +	13.3	13
14	13.2	12.6	12.2	11.8	11.7 +	11.8	12.1	12.7	13.1	13.4 -	13.5 +	13.3	14
15	13.1	12.6	12.2	11.8	11.7 +	11.8	12.2	12.7	13.2	13.5 +	13.5 +	13.3	15
16	13.1	12.5	12.1	11.8	11.7 +	11.8	12.2	12.7	13.2	13.4 -	13.5 +	13.3	16
17	13.1	12.5	12.1	11.8	11.7 +	11.8	12.2	12.8	13.3	13.4 -	13.5 +	13.2	17
18	13.1	12.5	12.1	11.8	11.7 +	11.8	12.2	12.8	13.3	13.5 +	13.4 -	13.2	18
19	13.1	12.5	12.1	11.8	11.7 +	11.9	12.2	12.8	13.3	13.5 +	13.4 -	13.2	19
20	13.0	12.5	12.1	11.8	11.7 +	11.9	12.3	12.8	13.3	13.5 +	13.4 -	13.2	20
21	13.0	12.5	12.1	11.8	11.7 +	11.9	12.3	12.8	13.3	13.5 +	13.4 -	13.2	21
22	13.0	12.5	12.1	11.8	11.7 +	11.9	12.3	12.8	13.3	13.5 +	13.4 -	13.2	22
23	13.0	12.4 -	12.1	11.8	11.7 +	11.9	12.3	12.8	13.3	13.4 -	13.4 -	13.2	23
24	13.0	12.4 -	12.0 -	11.8	11.7 +	11.9	12.3	12.9	13.3	13.5 +	13.4 -	13.2	24
25	12.9	12.4 -	12.0 -	11.7 -	11.7 +	11.9	12.3	12.9	13.3	13.5 +	13.4 -	13.2	25
26	12.9	12.4 -	12.0 -	11.7 -	11.7 +	11.9	12.3	12.9	13.3	13.5 +	13.4 -	13.1 -	26
27	12.9	12.4 -	12.0 -	11.7 -	11.7 +	11.9	12.4 +	12.9	13.3	13.5 +	13.4 -	13.1 -	27
28	12.9	12.4 -	12.0 -	11.7 -	11.7 +	11.9	12.4 +	12.9	13.4 +	13.5 +	13.4 -	13.1 -	28
29	12.9	12.4 -	12.0 -	11.7 -	11.7 +	12.0 +	12.4 +	12.9	13.4 +	13.5 +	13.4 -	13.1 -	29
30	12.8 -	12.4 -	12.0 -	11.7 -	11.7 +	12.0 +	12.4 +	13.0 +	13.3	13.5 +	13.4 -	13.1 -	30
31	12.8 -	12.4 -	12.0 -	11.7 -	11.7 +	12.0 +	12.4 +	13.0 +	13.3	13.5 +	13.4 -	13.1 -	31
Monatsmittel	13.1	12.6	12.1	11.8	11.7 -	11.8	12.2	12.7	13.2	13.4	13.5 +	13.2	
Maximum	13.4	12.8	12.4	12.0	11.7 -	12.0	12.4	13.0	13.4	13.5 +	13.5 +	13.4	
Datum	01.01	01.02	01.03	01.04	01.05	28.06	26.07	30.08	27.09	12.10	01.11	01.12	
Minimum	12.8	12.3	12.0	11.7 -	11.7 -	11.7 -	12.0	12.4	13.0	13.3	13.4 +	13.1	
Datum	30.01	29.02	23.03	25.04	01.05	01.06	01.07	01.08	01.09	01.10	17.11	25.12	
Amplitude	0.6	0.5	0.4	0.3	0.0 +	0.3	0.4	0.6	0.4	0.2	0.1	0.3	
Jahr 2008	Mittel	12.6 °C		Maximum	13.5 (12.Okt)		Minimum	11.7 (25.Apr)		Amplitude	1.8 °C		



Periode	2006 - 2008												
Monatsmittel	13.1	12.6	12.3	12.0 -	12.0 -	12.2	12.6	13.2	13.4	13.7 +	13.7 +	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	12.8	12.3	12.0	11.7 -	11.7 -	11.7 -	12.0	12.4	13.0	13.3	13.4 +	13.1	
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2008	2006	2008	2008	
Amplitude	0.6	0.5	0.4	0.3	0.2 -	0.4	0.5	4.0 +	0.4	0.4	0.2 -	0.4	
Jahr	2008	2008	2008	2008	2007	2007	2007	2007	2006	2006	2006	2007	
Periode	Mittel	12.9 °C		Maximum	16.6 (10.Aug 2007)		Minimum	11.7 (25.Apr 2008)		Amplitude	4.9 °C		

Darstellung der letzten 3 Jahre



Grundwasserspiegel im Birstal

Station 20.J.54 Münchenstein

Cementfabrik (Doetsch-Grether)

OPM 213405

Koordinaten: 613'313.28 / 262'133.99

OK. Abstich

273.84 m ü.M.

OK. Terrain

273.66 m ü.M.

Messwerte:

Grundwasserspiegel

Temperatur

