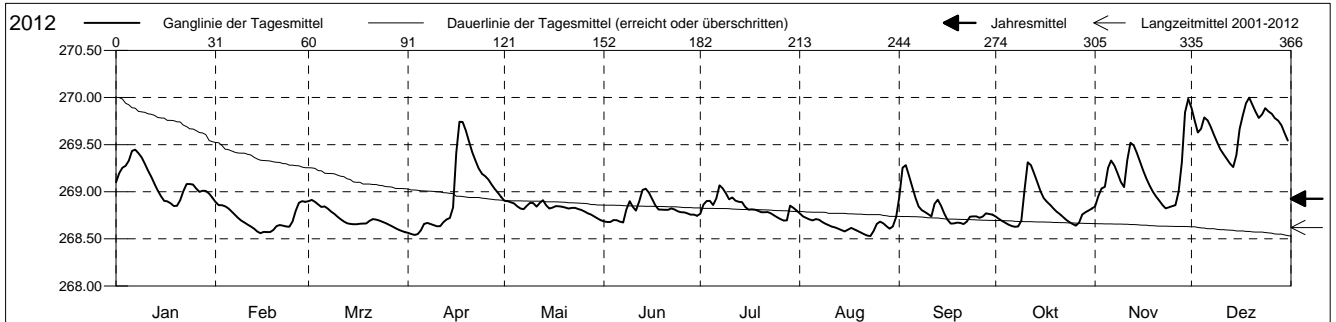


**Grundwasserstände**

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

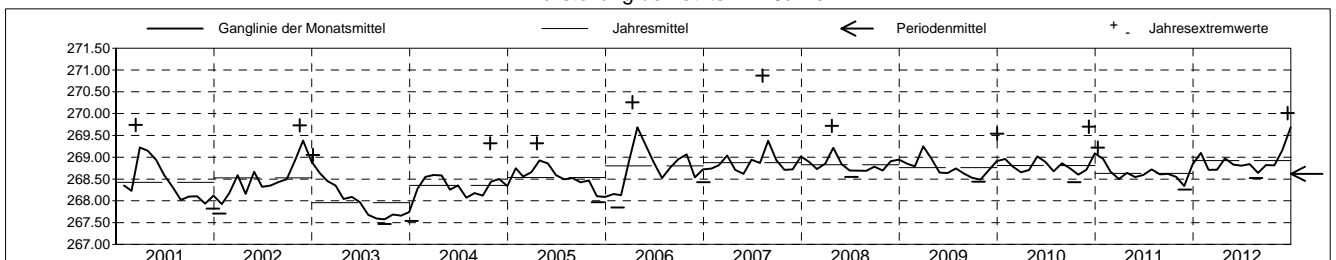
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	269.10	268.89	268.90	268.56	268.90	268.69	268.77	268.77 +	268.94	268.74	268.84	269.89	1
2	269.20	268.86	268.91 +	268.55	268.90	268.68	268.87	268.74	269.25	268.71	268.95	269.76	2
3	269.25	268.86	268.89	268.54 -	268.89	268.68	268.90	268.72	269.28 +	268.69	269.03	269.63	3
4	269.28	268.85	268.86	268.55	268.88	268.70	268.90	268.71	269.18	268.67	269.05	269.67	4
5	269.33	268.82	268.84	268.59	268.85	268.70	268.86	268.70	269.06	268.65	269.25	269.79	5
Tagesmittel													
6	269.43	268.79	268.84	268.66	268.82	268.68	268.93	268.71	268.94	268.64	269.33	269.76	6
7	269.45 +	268.76	268.82	268.67	268.81	268.67 -	269.07 +	268.70	268.84	268.63 -	269.28	269.69	7
8	269.41	268.72	268.79	268.66	268.85	268.81	269.04	268.68	268.81	268.63 -	269.19	269.61	8
9	269.36	268.69	268.76	268.65	268.88	268.90	268.98	268.66	268.78	268.69	269.10	269.52	9
10	269.30	268.67	268.73	268.63	268.88	268.84	268.92	268.65	268.76	269.02	269.05	269.45	10
11	269.23	268.65	268.71	268.64	268.84	268.80	268.94	268.63	268.74	269.31 +	269.33	269.40	11
12	269.16	268.63	268.69	268.68	268.88	268.90	268.91	268.62	268.87	269.28	269.52	269.35	12
13	269.08	268.61	268.67	268.71	268.91 +	269.02	268.89	268.61	268.92	269.19	269.49	269.30	13
14	269.02	268.58	268.66	268.72	268.86	269.03 +	268.89	268.59	268.85	269.10	269.41	269.26 -	14
15	268.95	268.56 -	268.66	268.83	268.82	268.99	268.84	268.58	268.77	269.01	269.32	269.39	15
Max. +													
16	268.90	268.57	268.66	269.41	268.83	268.92	268.81	268.60	268.71	268.93	269.22	269.67	16
17	268.90	268.57	268.66	269.74 +	268.85	268.86	268.81	268.62	268.66 -	268.89	269.14	269.81	17
18	268.88	268.57	268.66	269.74 +	268.85	268.81	268.81	268.60	268.66 -	268.86	269.06	269.94	18
19	268.85 -	268.59	268.66	269.65	268.84	268.81	268.80	268.58	268.67	268.82	269.00	270.00 +	19
20	268.85 -	268.64	268.69	269.53	268.83	268.81	268.78	268.57	268.67	268.79	268.95	269.92	20
Min. -													
21	268.91	268.65	268.71	269.42	268.82	268.81	268.78	268.55	268.66 -	268.76	268.90	269.85	21
22	269.01	268.64	268.70	269.33	268.83	268.82	268.78	268.53 -	268.68	268.73	268.86	269.78	22
23	269.08	268.63	268.69	269.25	268.83	268.81	268.77	268.53 -	268.74	268.70	268.82 -	269.82	23
24	269.08	268.63	268.68	269.19	268.82	268.79	268.75	268.58	268.74	268.68	268.84	269.89	24
25	269.08	268.68	268.67	269.17	268.81	268.78	268.73	268.66	268.74	268.66	268.85	269.85	25
26	269.03	268.80	268.65	269.13	268.79	268.78	268.71	268.68	268.72	268.64	268.86	269.83	26
27	269.00	268.88	268.63	269.08	268.77	268.77	268.69 -	268.67	268.74	268.67	269.00	269.78	27
28	269.01	268.90 +	268.61	269.03	268.76	268.76	268.70	268.63	268.77	268.76	269.31	269.75	28
29	269.01	268.89	268.60	268.99	268.74	268.76	268.85	268.61	268.76	268.78	269.84	269.71	29
30	268.98		268.58	268.94	268.72	268.75	268.83	268.63	268.76	268.80	269.98 +	269.62	30
31	268.94		268.57 -		268.70 -		268.80	268.73		268.82		269.54	31
Monatsmittel	269.10	268.71	268.72	268.97	268.83	268.80	268.84	268.64 -	268.82	268.82	269.16	269.68 +	
Maximum	269.46	268.91	268.92	269.77	268.92	269.04	269.08	268.81 -	269.31	269.33	270.00	270.01 +	
Datum	06.01	01.02	02.03	17.04	13.05	14.06	07.07	31.08	03.09	11.10	30.11	19.12	
Amplitude	0.63	0.36	0.36	1.23	0.24	0.38	0.40	0.28	0.66	0.71	1.19	0.76	
Jahr 2012	Mittel	268.93 m ü.M.		Maximum	270.01 (19.Dez)			Minimum	268.52 (23.Aug)		Amplitude	1.49 m	



Periode	2001 - 2012												
Monatsmittel	268.63	268.55	268.78	268.81 +	268.72	268.61	268.50 -	268.53	268.51	268.55	268.56	268.70	
Maximum	269.62	269.17	269.74	270.26	269.54	269.31	269.08 -	270.87 +	269.67	269.71	270.00	270.01	
Jahr	2010	2010	2001	2006	2006	2007	2012	2007	2006	2006	2012	2012	
Minimum	267.54	267.85	268.03 +	267.95	267.97	267.75	267.61	267.52	267.47 -	267.47 -	267.54	267.64	
Jahr	2004	2006	2001	2003	2003	2003	2003	2003	2003	2003	2003	2003	
Amplitude	1.35	0.74	1.71	1.23	1.27	0.70 -	0.98	2.22 +	1.28	1.33	1.19	1.08	
Jahr	2004	2002	2001	2012	2002	2004	2002	2007	2002	2004	2012	2010	
Periode	Mittel	268.62 m ü.M.		Maximum	270.87 (09.Aug 2007)			Minimum	267.47 (29.Sep 2003)		Amplitude	3.40 m	

Darstellung der letzten 12 Jahre

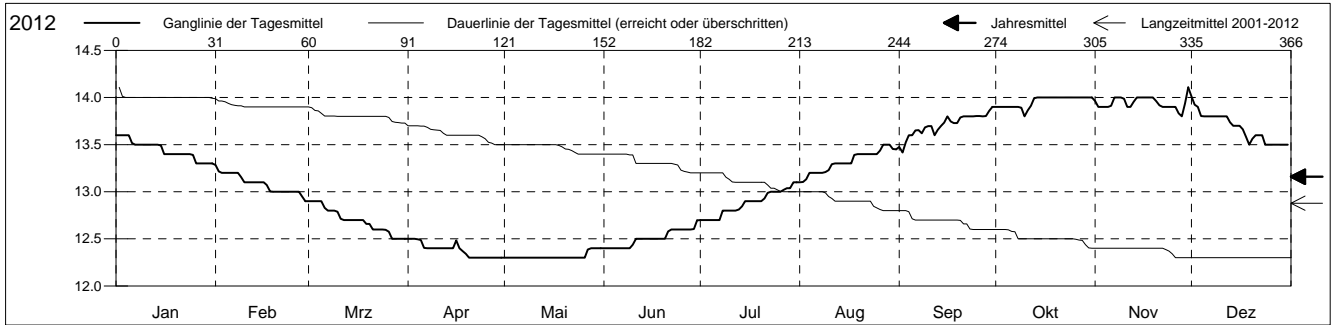


**Grundwassertemperatur**

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: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.6 +	13.3 +	12.9 +	12.5 +	12.3 -	12.4 -	12.7 -	13.1 -	13.5	13.9	14.0	14.0 +	1
2	13.6 +	13.2	12.9 +	12.5 +	12.3 -	12.4 -	12.7 -	13.1 -	13.4 -	13.9	13.9	13.9	2
3	13.6 +	13.2	12.9 +	12.5 +	12.3 -	12.4 -	12.7 -	13.1 -	13.5	13.9	13.9	13.9	3
4	13.6 +	13.2	12.9 +	12.5 +	12.3 -	12.4 -	12.7 -	13.2	13.6	13.9	13.9	13.8	4
5	13.6 +	13.2	12.9 +	12.5 +	12.3 -	12.4 -	12.7 -	13.2	13.6	13.9	13.9	13.8	5
Tagesmittel													
6	13.5	13.2	12.8	12.4	12.3 -	12.4 -	12.7 -	13.2	13.6	13.9	13.9	13.8	6
7	13.5	13.2	12.8	12.4	12.3 -	12.4 -	12.7 -	13.2	13.7	13.9	14.0	13.8	7
8	13.5	13.2	12.8	12.4	12.3 -	12.4 -	12.8	13.2	13.6	13.9	14.0	13.8	8
9	13.5	13.2	12.8	12.4	12.3 -	12.4 -	12.8	13.2	13.7	13.9	14.0	13.8	9
10	13.5	13.1	12.8	12.4	12.3 -	12.4 -	12.8	13.2	13.7	13.8 -	14.0	13.8	10
11	13.5	13.1	12.7	12.4	12.3 -	12.5	12.8	13.3	13.7	13.9	13.9	13.8	11
12	13.5	13.1	12.7	12.4	12.3 -	12.5	12.8	13.3	13.6	13.9	13.9	13.8	12
13	13.5	13.1	12.7	12.4	12.3 -	12.5	12.8	13.3	13.7	14.0 +	14.0	13.7	13
14	13.5	13.1	12.7	12.4	12.3 -	12.5	12.8	13.3	13.7	14.0 +	14.0	13.7	14
15	13.5	13.1	12.7	12.4	12.3 -	12.5	12.9	13.3	13.7	14.0 +	14.0	13.7	15
Max. +													
16	13.4	13.1	12.7	12.5 +	12.3 -	12.5	12.9	13.3	13.8	14.0 +	14.0	13.7	16
17	13.4	13.1	12.7	12.4	12.3 -	12.5	12.9	13.3	13.7	14.0 +	14.0	13.7	17
18	13.4	13.0	12.7	12.4	12.3 -	12.5	12.9	13.4	13.7	14.0 +	14.0	13.6	18
19	13.4	13.0	12.7	12.3 -	12.3 -	12.5	12.9	13.4	13.7	14.0 +	14.0	13.5 -	19
20	13.4	13.0	12.7	12.3 -	12.3 -	12.5	12.9	13.4	13.8	14.0 +	14.0	13.6	20
Min. -													
21	13.4	13.0	12.6	12.3 -	12.3 -	12.6	12.9	13.4	13.8	14.0 +	13.9	13.6	21
22	13.4	13.0	12.6	12.3 -	12.3 -	12.6	13.0	13.4	13.8	14.0 +	13.9	13.6	22
23	13.4	13.0	12.6	12.3 -	12.3 -	12.6	13.0	13.4	13.8	14.0 +	13.9	13.6	23
24	13.4	13.0	12.6	12.3 -	12.3 -	12.6	13.0	13.4	13.8	14.0 +	13.9	13.5 -	24
25	13.4	13.0	12.6	12.3 -	12.3 -	12.6	13.0	13.4	13.8	14.0 +	13.9	13.5 -	25
26	13.3 -	13.0	12.6	12.3 -	12.3 -	12.6	13.0	13.4	13.8	14.0 +	13.9	13.5 -	26
27	13.3 -	13.0	12.5 -	12.3 -	12.4 +	12.6	13.0	13.5 +	13.8	14.0 +	13.8 -	13.5 -	27
28	13.3 -	12.9 -	12.5 -	12.3 -	12.4 +	12.6	13.0	13.5 +	13.8	14.0 +	13.8 -	13.5 -	28
29	13.3 -	12.9 -	12.5 -	12.3 -	12.4 +	12.6	13.0	13.5 +	13.9 +	14.0 +	13.9	13.5 -	29
30	13.3 -	12.9 -	12.5 -	12.3 -	12.4 +	12.7 +	13.1 +	13.5 +	13.9 +	14.0 +	14.1 +	13.5 -	30
31	13.3 -	12.9 -	12.5 -	12.4 +			13.1 +	13.4		14.0 +		13.5 -	31
Monatsmittel	13.4	13.1	12.7	12.4	12.3 -	12.5	12.9	13.3	13.7	14.0 +	13.9	13.7	
Maximum	13.6	13.3	12.9	12.5	12.4 -	12.7	13.1	13.5	13.9	14.0	14.2 +	14.1	
Datum	01.01	01.02	01.03	01.04	27.05	29.06	27.07	26.08	25.09	12.10	29.11	01.12	
Minimum	13.3	12.9	12.5	12.3 -	12.3 -	12.4	12.7	13.1	13.4	13.8 +	13.8 +	13.5	
Datum	25.01	28.02	25.03	18.04	01.05	01.06	01.07	01.08	01.09	09.10	27.11	18.12	
Amplitude	0.3	0.4	0.4	0.2	0.1	0.3	0.4	0.4	0.5	0.2	0.4	0.6	
Jahr 2012	Mittel	13.2 °C		Maximum	14.2 (29.Nov)		Minimum	12.3 (18.Apr)		Amplitude	1.9 °C		



Periode	2001 - 2012												
Monatsmittel	13.1	12.7	12.3	12.0 -	12.0 -	12.2	12.6	13.1	13.4	13.6	13.7 +	13.5	
Maximum	13.6	13.3	12.9	12.5	12.4 -	12.7	13.2	16.6 +	13.9	14.0	14.2 +	14.1	
Jahr	2012	2012	2012	2012	2012	2007	2007	2007	2012	2007	2012	2012	
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 +	0.5	0.4	0.4	0.6	
Jahr	2008	2008	2009	2008	2007	2007	2007	2007	2012	2006	2012	2012	
Periode	Mittel	12.9 °C		Maximum	16.6 (10.Aug 2007)		Minimum	11.6 (12.Apr 2009)		Amplitude	5.0 °C		

Darstellung der letzten 12 Jahre

