

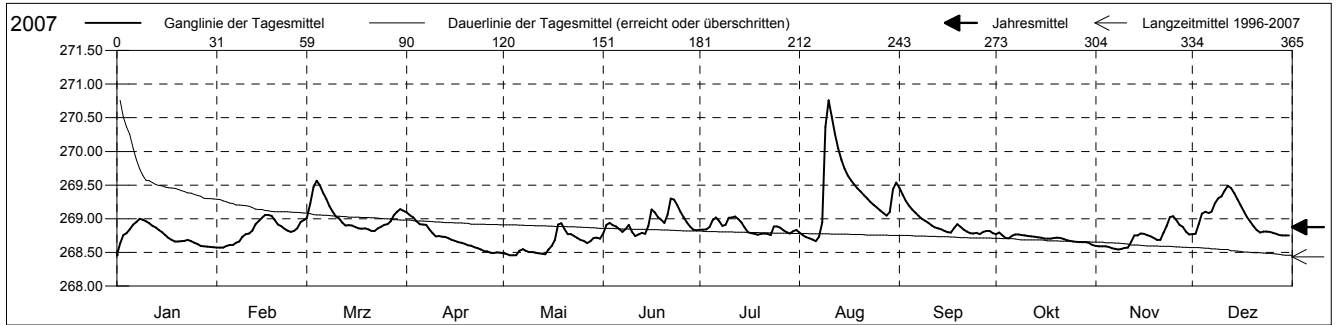
**Grundwasserstände**



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

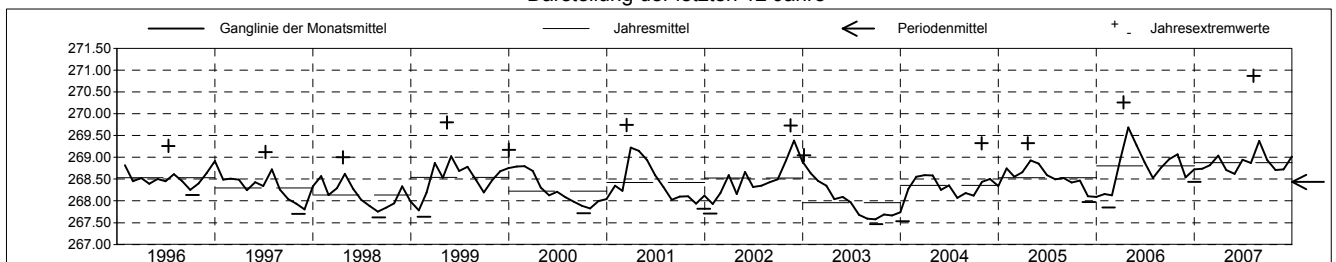
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 613313.25 / 262133.98

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	268.46 -	268.57 -	269.01	269.10 +	268.49	268.78	268.84	268.80	269.46 +	268.77	268.59	268.77	1
2	268.63	268.57 -	269.23	269.05	268.48	268.91	268.84	268.76	269.36	268.79 +	268.59	268.77	2
3	268.75	268.57 -	269.47	269.02	268.46 -	268.94	268.84	268.73	269.27	268.75	268.59	268.92	3
4	268.79	268.60	269.57 +	268.97	268.46 -	268.90	268.87	268.71	269.19	268.71	268.59	269.08	4
5	268.84	268.61	269.49	268.92	268.46 -	268.89	268.98	268.69	269.14	268.71	268.58	269.11	5
Tagesmittel													
6	268.92	268.61	269.38	268.91	268.52	268.85	269.02	268.67 -	269.09	268.75	268.56	269.08	6
7	268.95	268.64	269.29	268.91	268.55	268.81	268.97	268.73	269.04	268.77	268.55	269.10	7
8	269.00 +	268.66	269.18	268.84	268.52	268.84	268.90	268.94	269.00	268.76	268.54 -	269.23	8
9	268.98	268.73	269.11	268.78	268.50	268.91	268.91	270.36	268.97	268.76	268.55	269.30	9
10	268.96	268.77	269.03	268.74	268.50	268.80	269.01	270.76 +	268.94	268.75	268.57	269.33	10
11	268.93	268.78	269.00	268.74	268.50	268.74 -	269.02	270.51	268.90	268.74	268.57	269.42	11
12	268.90	268.82	268.94	268.73	268.49	268.77	269.03 +	270.25	268.87	268.74	268.65	269.49 +	12
13	268.87	268.92	268.90	268.73	268.48	268.79	268.99	270.04	268.86	268.73	268.75	269.45	13
14	268.83	268.96	268.90	268.71	268.47	268.78	268.94	269.88	268.84	268.73	268.75	269.38	14
Max. +	268.80	269.01	268.90	268.69	268.54	268.89	268.87	269.74	268.82	268.72	268.78	269.29	15
16	268.76	269.06 +	268.87	268.67	268.60	269.14	268.80	269.64	268.80	268.71	268.77	269.20	16
17	268.72	269.06 +	268.86	268.65	268.69	269.09	268.78	269.57	268.79	268.70	268.75	269.11	17
18	268.69	269.04	268.85	268.64	268.92	269.02	268.77	269.51	268.86	268.70	268.74	269.02	18
19	268.66	268.98	268.86	268.63	268.93 +	268.98	268.76 -	269.45	268.92	268.71	268.71	268.95	19
Min. -	268.66	268.91	268.84	268.60	268.85	268.94	268.77	269.40	268.88	268.72	268.69	268.89	20
21	268.67	268.89	268.82 -	268.60	268.77	269.06	268.78	269.35	268.84	268.71	268.69	268.83	21
22	268.67	268.85	268.82 -	268.58	268.77	269.30 +	268.77	269.30	268.81	268.70	268.79	268.79	22
23	268.69	268.82	268.85	268.56	268.74	269.29	268.76 -	269.25	268.79	268.68	268.90	268.81	23
24	268.67	268.81	268.88	268.54	268.71	269.20	268.89	269.21	268.78	268.67	269.02	268.81	24
25	268.64	268.82	268.91	268.52	268.69	269.10	268.88	269.17	268.79	268.66	269.04 +	268.80	25
26	268.63	268.86	268.92	268.51	268.67	269.02	268.86	269.12	268.77 -	268.65	268.98	268.79	26
27	268.60	268.95	268.96	268.49 -	268.64	268.94	268.83	269.08	268.80	268.65	268.91	268.78	27
28	268.59	268.98	269.05	268.49 -	268.67	268.88	268.80	269.05	268.82	268.65	268.88	268.76	28
29	268.59		269.11	268.50	268.71	268.84	268.78	269.10	268.82	268.65	268.81	268.75 -	29
30	268.58		269.14	268.50	268.72	268.83	268.81	269.44	268.79	268.64	268.76	268.75 -	30
31	268.58		269.12	268.70	268.70	268.83	268.83	269.54	268.79	268.61 -	268.75 -	268.75 -	31
Monatsmittel	268.74	268.82	269.04	268.71	268.62 -	268.94	268.87	269.38 +	268.93	268.71	268.72	269.02	
Maximum	269.01	269.07	269.57	269.11	268.96	269.31	269.04	270.87 +	269.51	268.80 -	269.05	269.49	
Datum	08.01	17.02	04.03	01.04	18.05	22.06	12.07	09.08	01.09	02.10	25.11	12.12	
Amplitude	0.57	0.51	0.76	0.63	0.52	0.60	0.30	2.21	0.75	0.20	0.52	0.75	
Jahr 2007	Mittel	268.88 m ü.M.		Maximum	270.87 (09.Aug)		Minimum	268.43 (01.Jan)		Amplitude	2.43 m		



Periode	1996 - 2007												
Monatsmittel	268.44	268.42	268.69 +	268.61	268.59	268.45	268.37	268.32	268.23 -	268.33	268.36	268.41	
Maximum	269.22 -	269.32	269.74	270.26	269.80	269.31	269.32	270.87 +	269.67	269.71	269.73	269.49	
Jahr	1996	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	268.44 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.

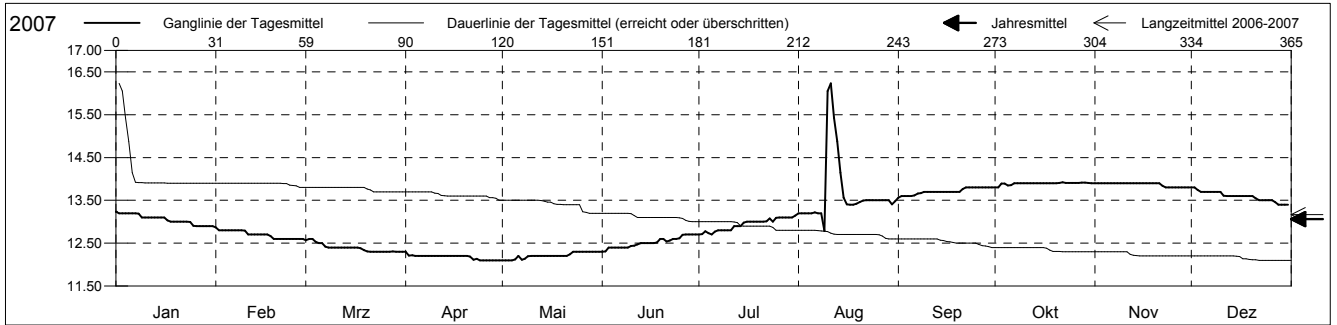
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

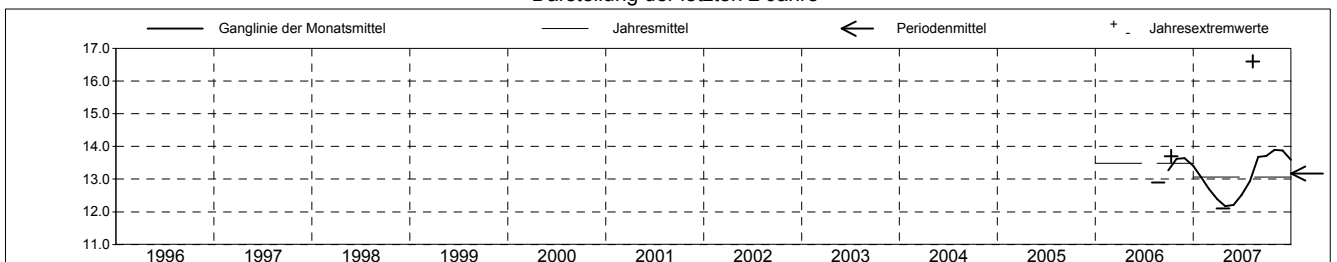
Koordinaten: 613313.25 / 262133.98

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.2 +	12.9 +	12.6 +	12.3 +	12.1 -	12.3 -	12.7 -	13.2	13.6 -	13.8 -	13.9 +	13.8 +	1
2	13.2 +	12.8	12.6 +	12.2	12.1 -	12.3 -	12.7 -	13.2	13.6 -	13.8 -	13.9 +	13.8 +	2
3	13.2 +	12.8	12.6 +	12.2	12.1 -	12.4	12.8	13.2	13.6 -	13.9 +	13.9 +	13.7	3
4	13.2 +	12.8	12.5	12.2	12.1 -	12.4	12.7 -	13.2	13.6 -	13.9 +	13.9 +	13.7	4
5	13.2 +	12.8	12.5	12.2	12.1 -	12.4	12.7 -	13.2	13.6 -	13.9 +	13.9 +	13.7	5
Tagesmittel													
6	13.2 +	12.8	12.5	12.2	12.2	12.4	12.8	13.2	13.6 -	13.9 +	13.9 +	13.7	6
7	13.2 +	12.8	12.4	12.2	12.1 -	12.4	12.8	13.2	13.7	13.9 +	13.9 +	13.7	7
8	13.2 +	12.8	12.4	12.2	12.1 -	12.4	12.8	13.2	13.7	13.9 +	13.9 +	13.7	8
9	13.1	12.8	12.4	12.2	12.2	12.4	12.8	12.8 -	13.7	13.9 +	13.9 +	13.7	9
10	13.1	12.8	12.4	12.2	12.2	12.4	12.8	16.1	13.7	13.9 +	13.9 +	13.7	10
11	13.1	12.7	12.4	12.2	12.2	12.4	12.8	16.2 +	13.7	13.9 +	13.9 +	13.6	11
12	13.1	12.7	12.4	12.2	12.2	12.5	12.9	15.4	13.7	13.9 +	13.9 +	13.6	12
13	13.1	12.7	12.4	12.2	12.2	12.5	12.9	14.9	13.7	13.9 +	13.9 +	13.6	13
14	13.1	12.7	12.4	12.2	12.2	12.5	12.9	14.1	13.7	13.9 +	13.9 +	13.6	14
15	13.1	12.7	12.4	12.2	12.2	12.5	13.0	13.6	13.7	13.9 +	13.9 +	13.6	15
Max. +													
16	13.1	12.7	12.4	12.2	12.2	12.5	13.0	13.4	13.7	13.9 +	13.9 +	13.6	16
17	13.0	12.7	12.4	12.2	12.2	12.5	13.0	13.4	13.7	13.9 +	13.9 +	13.6	17
18	13.0	12.7	12.4	12.2	12.2	12.5	13.0	13.4	13.7	13.9 +	13.9 +	13.6	18
19	13.0	12.6 -	12.3 -	12.2	12.2	12.6	13.0	13.4	13.7	13.9 +	13.9 +	13.6	19
20	13.0	12.6 -	12.3 -	12.2	12.2	12.6	13.0	13.5	13.7	13.9 +	13.9 +	13.6	20
Min. -													
21	13.0	12.6 -	12.3 -	12.2	12.2	12.5	13.0	13.5	13.8 +	13.9 +	13.9 +	13.5	21
22	13.0	12.6 -	12.3 -	12.1 -	12.2	12.6	13.0	13.5	13.8 +	13.9 +	13.8 -	13.5	22
23	13.0	12.6 -	12.3 -	12.1 -	12.3 +	12.6	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.5	23
24	13.0	12.6 -	12.3 -	12.1 -	12.3 +	12.6	13.0	13.5	13.8 +	13.9 +	13.8 -	13.5	24
25	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.6	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.5	25
26	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.7 +	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.5	26
27	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.7 +	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.5	27
28	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.7 +	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.4 -	28
29	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.7 +	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.4 -	29
30	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.7 +	13.1 +	13.4	13.8 +	13.9 +	13.8 -	13.4 -	30
31	12.9 -	12.6 -	12.3 -	12.1 -	12.3 +	12.7 +	13.1 +	13.5	13.8 +	13.9 +	13.8 -	13.4 -	31
Monatsmittel	13.1	12.7	12.4	12.2 -	12.2 -	12.5	12.9	13.7	13.7	13.9 +	13.9 +	13.6	
Maximum	13.3	12.9	12.6	12.3 -	12.3 -	12.7	13.2	16.6 +	13.8	14.0	13.9	13.8	
Datum	01.01	01.02	01.03	01.04	22.05	25.06	31.07	10.08	21.09	21.10	01.11	01.12	
Minimum	12.9	12.6	12.3	12.1 -	12.1 -	12.3	12.7	12.6	13.5	13.8 +	13.8 +	13.4	
Datum	24.01	18.02	18.03	21.04	01.05	01.06	01.07	09.08	01.09	01.10	22.11	27.12	
Amplitude	0.4	0.3	0.3	0.2	0.2	0.4	0.5	4.0	0.3	0.2	0.1	0.4	
Jahr 2007	Mittel	13.1 °C		Maximum	16.6 (10.Aug)		Minimum	12.1 (21.Apr)		Amplitude	4.5 °C		



Periode	2006 - 2007												
Monatsmittel	13.1	12.7	12.4	12.2 -	12.2 -	12.5	12.9	13.7	13.5	13.8 +	13.8 +	13.5	
Maximum	13.3	12.9	12.6	12.3 -	12.3 -	12.7	13.2	16.6 +	13.8	14.0	13.9	13.8	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	
Minimum	12.9	12.6	12.3	12.1 -	12.1 -	12.3	12.7	12.6	13.1	13.3	13.5 +	13.3	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	2006	2006	
Amplitude	0.4	0.3	0.3	0.2 -	0.2 -	0.4	0.5	4.0 +	0.4	0.4	0.2 -	0.4	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	2006	2007	
Periode	Mittel	13.2 °C		Maximum	16.6 (10.Aug 2007)		Minimum	12.1 (21.Apr 2007)		Amplitude	4.5 °C		

Darstellung der letzten 2 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

