

Grundwasserstände



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.J.3

286.96

286.60

Neue Welt

m ü.M.

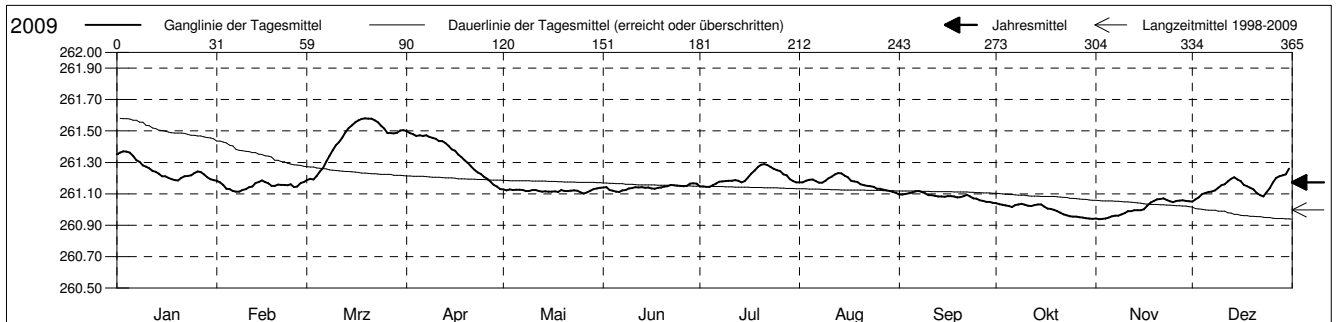
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

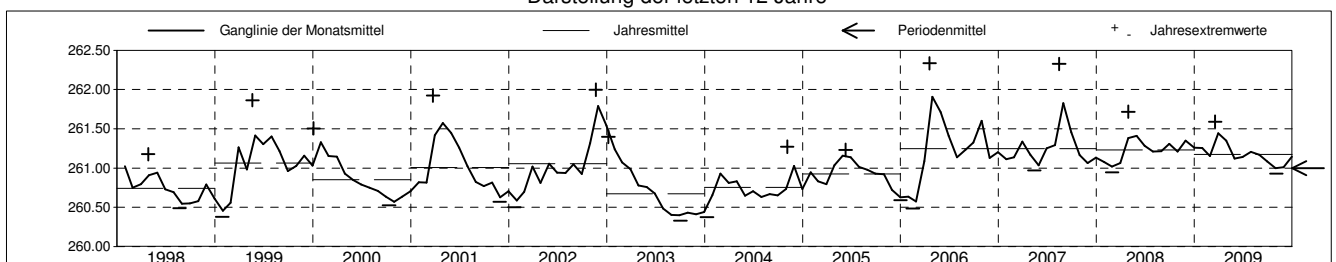
Koordinaten: 613075.63 / 264023.38

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	261.35	261.18	261.19 -	261.50 +	261.13	261.14	261.15	261.17	261.10	261.04 +	260.94 -	261.05 -	1	
2	261.36	261.17	261.19 -	261.49	261.12	261.14	261.15	261.17	261.10	261.03	260.94 -	261.06	2	
3	261.37 +	261.16	261.19 -	261.48	261.13	261.12	261.14 -	261.18	261.10	261.03	260.94 -	261.08	3	
4	261.37 +	261.13	261.21	261.47	261.12	261.12	261.14 -	261.19	261.10	261.03	260.94 -	261.10	4	
5	261.36	261.13	261.24	261.47	261.13	261.11 -	261.15	261.19	261.11	261.02	260.95	261.11	5	
Tagesmittel	6	261.34	261.12	261.26	261.47	261.13	261.11 -	261.16	261.18	261.12 +	261.01	260.96	261.11	6
7	261.31	261.11 -	261.30	261.47	261.12	261.12	261.18	261.17	261.12 +	261.03	260.96	261.11	7	
8	261.30	261.11 -	261.34	261.46	261.12	261.12	261.18	261.17	261.11	261.03	260.96	261.12	8	
9	261.28	261.12	261.38	261.46	261.12	261.13	261.18	261.18	261.10	261.04 +	260.97	261.14	9	
10	261.27	261.13	261.41	261.45	261.12	261.14	261.18	261.20	261.09	261.03	260.98	261.15	10	
11	261.26	261.14	261.43	261.44	261.12	261.14	261.18	261.21	261.09	261.02	260.99	261.16	11	
12	261.25	261.15	261.46	261.44	261.12	261.14	261.19	261.22	261.09	261.02	260.99	261.18	12	
13	261.24	261.17	261.49	261.42	261.11	261.14	261.18	261.23 +	261.08	261.03	261.00	261.19	13	
14	261.23	261.17	261.52	261.41	261.12	261.14	261.17	261.23 +	261.08	261.03	261.00	261.21	14	
Max. +	15	261.21	261.19 +	261.54	261.38	261.11	261.14	261.18	261.22	261.08	261.03	261.19	15	
16	261.21	261.18	261.56	261.37	261.11	261.13	261.20	261.21	261.09	261.02	261.00	261.18	16	
17	261.20	261.17	261.57	261.35	261.12	261.13	261.23	261.18	261.09	261.01	261.02	261.16	17	
18	261.19 -	261.15	261.58 +	261.33	261.11	261.14	261.25	261.18	261.08	261.00	261.04	261.15	18	
19	261.19 -	261.15	261.58 +	261.31	261.12	261.14	261.27	261.17	261.08	261.00	261.05	261.14	19	
Min. -	20	261.19 -	261.16	261.58 +	261.29	261.12	261.15	261.29 +	261.16	261.08	260.99	261.06	261.13	20
21	261.20	261.16	261.58 +	261.27	261.12	261.15	261.29 +	261.15	261.08	260.98	261.07 +	261.11	21	
22	261.21	261.16	261.57	261.25	261.12	261.16	261.28	261.15	261.09	260.97	261.07 +	261.09	22	
23	261.21	261.15	261.56	261.24	261.12	261.16	261.27	261.15	261.08	260.96	261.06	261.08	23	
24	261.22	261.16	261.53	261.23	261.12	261.15	261.26	261.14	261.07	260.96	261.05	261.11	24	
25	261.23	261.14	261.52	261.21	261.11	261.15	261.25	261.13	261.07	260.95	261.05	261.14	25	
26	261.24	261.15	261.49	261.19	261.10 -	261.15	261.24	261.13	261.06	260.95	261.06	261.17	26	
27	261.24	261.17	261.49	261.18	261.11	261.15	261.22	261.13	261.05	260.95	261.06	261.20	27	
28	261.22	261.17	261.48	261.16	261.12	261.16	261.22	261.12	261.05	260.95	261.06	261.21	28	
29	261.21		261.49	261.15	261.13	261.17 +	261.19	261.12	261.05	260.94 -	261.05	261.22	29	
30	261.19 -		261.50	261.13 -	261.13	261.16	261.18	261.11 -	261.04 -	260.94 -	261.05	261.22	30	
31	261.19 -		261.51		261.14 +		261.17	261.11 -		260.94 -		261.26 +	31	
Monatsmittel	261.25	261.15	261.44 +	261.35	261.12	261.14	261.20	261.17	261.08	261.00 -	261.01	261.15		
Maximum	261.38	261.19	261.59 +	261.51	261.15	261.17	261.30	261.25	261.13	261.05 -	261.08	261.29		
Datum	03.01	28.02	19.03	01.04	31.05	29.06	20.07	14.08	07.09	01.10	22.11	31.12		
Amplitude	0.21	0.09	0.42	0.39	0.06	0.07	0.16	0.15	0.09	0.12	0.15	0.25		
Jahr 2009	Mittel	261.17 m ü.M.	Maximum	261.59 (19.Mrz)	Minimum	260.93 (03.Nov)	Amplitude	0.66 m						



Periode	1998 - 2009											
Monatsmittel	260.93	260.89 -	261.10	261.14 +	261.13	261.05	260.98	260.99	260.92	260.95	260.98	260.93
Maximum	261.51	261.26 -	261.92	262.33 +	261.95	261.60	261.66	262.32	261.80	261.89	262.00	261.91
Jahr	2000	2007	2001	2006	2006	2006	1999	2007	2007	2006	2002	2002
Minimum	260.38	260.38	260.65	260.67 +	260.63	260.53	260.41	260.36	260.33 -	260.33 -	260.34	260.36
Jahr	2004	1999	2005	2004	2004	2003	2003	2003	2003	2003	2003	2003
Amplitude	0.62	0.81	1.26 +	0.91	0.90	0.40 -	0.55	1.12	0.58	0.65	0.51	0.55
Jahr	2004	1999	2001	2006	1999	1999	1999	2007	2007	2004	2004	2002
Periode	Mittel	261.00 m ü.M.	Maximum	262.33 (19.Apr 2006)	Minimum	260.33 (03.Okt 2003)	Amplitude	2.01 m				

Darstellung der letzten 12 Jahre



Grundwassertemperatur



Birstal

Münchenstein

20.J.3

Neue Welt

Abstichpunkt:

286.96

m ü.M.

OK Terrain:

286.60

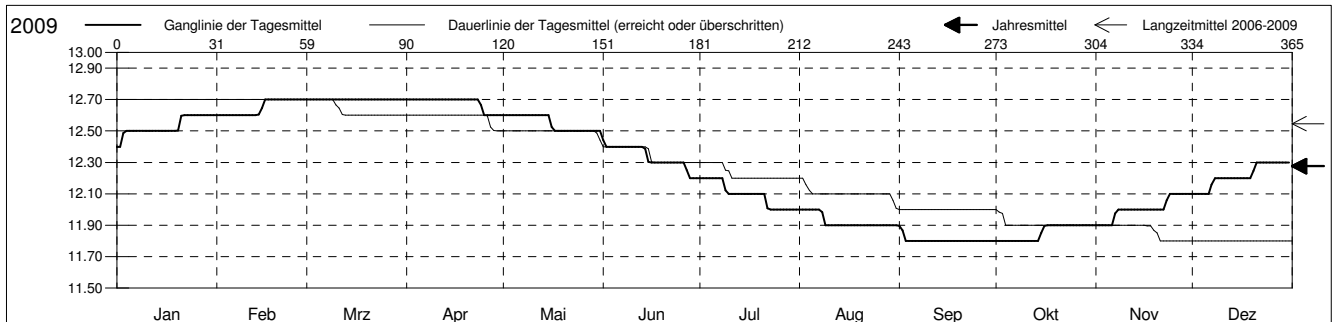
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

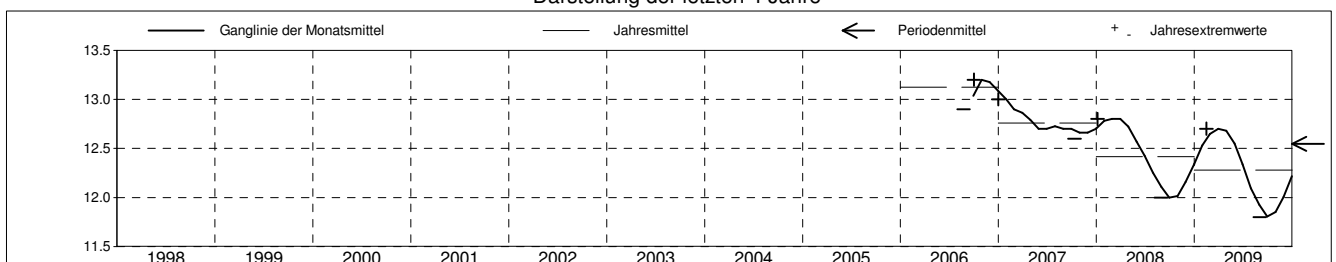
Koordinaten: 613075.63 / 264023.38

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.4 -	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.9 +	11.8 -	11.9 -	12.1 -	1
2	12.4 -	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.9 +	11.8 -	11.9 -	12.1 -	2
3	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	11.9 -	12.1 -	3
4	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	11.9 -	12.1 -	4
5	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	11.9 -	12.1 -	5
Tagesmittel	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	11.9 -	12.1 -	6
6	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	11.9 -	12.1 -	6
7	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	12.0	12.2	7
8	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.2 +	12.0 +	11.8 -	11.8 -	12.0	12.2	8
9	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.1	11.9 -	11.8 -	11.8 -	12.0	12.2	9
10	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.1	11.9 -	11.8 -	11.8 -	12.0	12.2	10
11	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.1	11.9 -	11.8 -	11.8 -	12.0	12.2	11
12	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.1	11.9 -	11.8 -	11.8 -	12.0	12.2	12
13	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.1	11.9 -	11.8 -	11.8 -	12.0	12.2	13
14	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.4 +	12.1	11.9 -	11.8 -	11.8 -	12.0	12.2	14
15	12.5	12.6 -	12.7 +	12.7 +	12.6 +	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	15
Max. +	12.5	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	16
16	12.5	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	16
17	12.5	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	17
18	12.5	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	18
19	12.5	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	19
20	12.5	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.2	20
Min. -	12.6 +	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.1	11.9 -	11.8 -	11.9 +	12.0	12.3 +	21
21	12.6 +	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.0	12.3 +	21
22	12.6 +	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	22
23	12.6 +	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	23
24	12.6 +	12.7 +	12.7 +	12.7 +	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	24
25	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	25
26	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	26
27	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.3	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	27
28	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.2 -	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	28
29	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.2 -	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	29
30	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.2 -	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	30
31	12.6 +	12.7 +	12.7 +	12.6 -	12.5 -	12.2 -	12.0 -	11.9 -	11.8 -	11.9 +	12.1 +	12.3 +	31
Monatsmittel	12.5	12.6	12.7 +	12.7 +	12.5	12.3	12.1	11.9	11.8 -	11.9	12.0	12.2	
Maximum	12.6	12.7 +	12.7 +	12.7 +	12.6	12.5	12.2	12.0	11.9 -	11.9 -	12.1	12.3	
Datum	20.01	14.02	01.03	01.04	01.05	01.06	01.07	01.08	01.09	15.10	23.11	20.12	
Minimum	12.4	12.6	12.7 +	12.6	12.5	12.2	12.0	11.9	11.8 -	11.8 -	11.9	12.1	
Datum	01.01	01.02	01.03	24.04	16.05	27.06	22.07	08.08	01.09	01.10	01.11	01.12	
Amplitude	0.2	0.1	0.0 +	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.2	0.2	
Jahr 2009	Mittel	12.3 °C		Maximum	12.7 (14.Feb)		Minimum	11.8 (01.Sep)		Amplitude	0.9 °C		



Periode	2006 - 2009											
Monatsmittel	12.8 +	12.8 +	12.8 +	12.7	12.6	12.5	12.4	12.2 -	12.4	12.4	12.5	12.6
Maximum	13.0	12.9	12.9	12.8	12.7 -	12.7 -	12.8	12.9	13.1	13.2 +	13.2 +	13.1
Jahr	2007	2007	2007	2007	2007	2007	2007	2006	2006	2006	2006	2006
Minimum	12.4	12.6	12.7 +	12.6	12.5	12.2	12.0	11.9	11.8 -	11.8 -	11.9	12.1
Jahr	2009	2009	2009	2008	2008	2009	2009	2009	2009	2009	2009	2009
Amplitude	0.2	0.1 -	0.1 -	0.2	0.2	0.3 +	0.2	0.2	0.2	0.1 -	0.2	0.2
Jahr	2009	2009	2007	2008	2008	2009	2009	2008	2006	2008	2009	2008
Periode	Mittel	12.5 °C		Maximum	13.2 (01.Okt 2006)		Minimum	11.8 (01.Sep 2009)		Amplitude	1.4 °C	

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Birstal

Station 20.J.3 Münchenstein

Opm 213416

Neue Welt

Koordinaten: 613'075.61 / 264'023.37

Messwerte: Grundwasserspiegel
Temperatur

