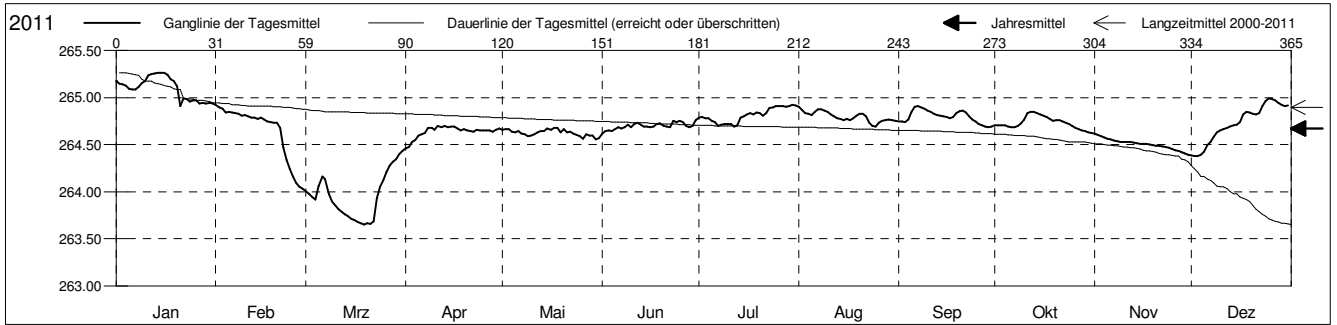


**Grundwasserstände**

Birstal  
 Münchenstein 20.J.117 Feuerwehr  
 Abstichpunkt: 280.86 m ü.M.  
 OK Terrain: 281.04 m ü.M.

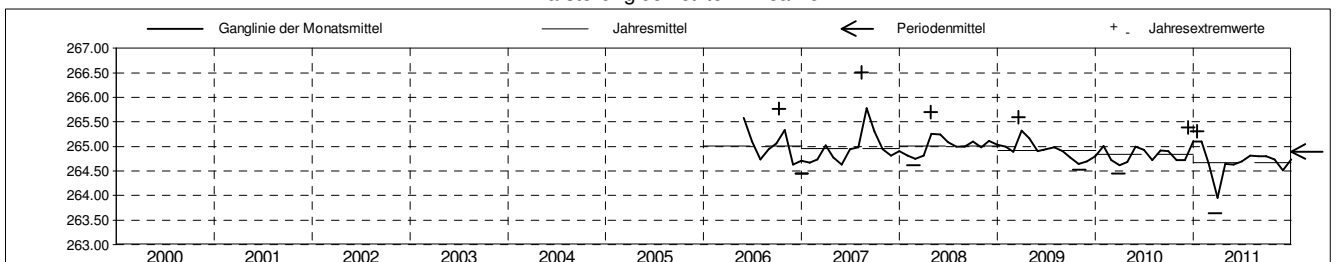
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 613219.44 / 263197.72

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	265.17	264.93 +	264.01	264.46 -	264.66	264.62 -	264.79	264.90 +	264.75	264.70	264.61 +	264.39	1
2	265.15	264.90	263.98	264.47	264.67	264.65	264.79	264.87	264.74	264.71	264.60	264.38 -	2
3	265.14	264.88	263.95	264.53	264.67	264.65	264.78	264.84	264.74	264.71	264.59	264.38 -	3
4	265.13	264.84	263.92	264.55	264.64	264.65	264.78	264.82	264.77	264.70	264.58	264.40	4
5	265.09	264.85	264.06	264.60	264.63	264.67	264.76	264.82	264.85	264.69	264.57	264.43	5
Tagesmittel													
6	265.08	264.84	264.16	264.61	264.64	264.69	264.74	264.85	264.90	264.69	264.55	264.49	6
7	265.09	264.83	264.13	264.63	264.62	264.68	264.70	264.88	264.91 +	264.69	264.54	264.53	7
8	265.12	264.83	263.98	264.68	264.61	264.69	264.71	264.87	264.90	264.70	264.53	264.58	8
9	265.15	264.81	263.90	264.68	264.59	264.71	264.72	264.87	264.88	264.72	264.53	264.63	9
10	265.17	264.81	263.85	264.66	264.60	264.69	264.72	264.85	264.86	264.77	264.53	264.65	10
11	265.24	264.80	263.82	264.70 +	264.61	264.72	264.72	264.82	264.85	264.83	264.53	264.66	11
12	265.25	264.79	263.79	264.69	264.63	264.73	264.69 -	264.80	264.83	264.85 +	264.53	264.68	12
13	265.26 +	264.79	263.76	264.70 +	264.65	264.71	264.71	264.78	264.82	264.85 +	264.52	264.69	13
14	265.26 +	264.77	263.74	264.68	264.65	264.69	264.78	264.77	264.81	264.83	264.52	264.70	14
15	265.26 +	264.78	263.72	264.69	264.67	264.69	264.80	264.76	264.80	264.82	264.51	264.72	15
Max. +													
16	265.26 +	264.77	263.70	264.69	264.66	264.69	264.82	264.77	264.79	264.81	264.51	264.74	16
17	265.24	264.75	263.68	264.67	264.68 +	264.70	264.83	264.76	264.78	264.79	264.51	264.82	17
18	265.20	264.74	263.66	264.65	264.68 +	264.72	264.82	264.78	264.79	264.78	264.50	264.85	18
19	265.18	264.73	263.65 -	264.67	264.63	264.72	264.84	264.81	264.84	264.76	264.49	264.84	19
20	265.12	264.73	263.66	264.65	264.67	264.70	264.83	264.83	264.86	264.76	264.49	264.83	20
Min. -													
21	264.91 -	264.68	263.66	264.65	264.63	264.69	264.81	264.83	264.86	264.76	264.49	264.82	21
22	264.99	264.47	263.69	264.64	264.64	264.69	264.83	264.80	264.84	264.75	264.48	264.84	22
23	264.98	264.34	263.93	264.66	264.62	264.75	264.89	264.73	264.80	264.73	264.48	264.91	23
24	264.96	264.24	264.05	264.65	264.60	264.74	264.90	264.70	264.77	264.72	264.47	264.97	24
25	264.97	264.16	264.12	264.65	264.59	264.75	264.91	264.69 -	264.74	264.70	264.46	264.99 +	25
26	264.97	264.09	264.21	264.65	264.56 -	264.74	264.91	264.74	264.72	264.68	264.44	264.99 +	26
27	264.94	264.05	264.28	264.65	264.61	264.70	264.91	264.75	264.71	264.67	264.43	264.97	27
28	264.95	264.03 -	264.32	264.64	264.59	264.68	264.90	264.76	264.69 -	264.65	264.42	264.95	28
29	264.94		264.35	264.66	264.60	264.70	264.91	264.76	264.69 -	264.64	264.41	264.92	29
30	264.94		264.40	264.67	264.56 -	264.76 +	264.93 +	264.76	264.69 -	264.63	264.39 -	264.91	30
31	264.94		264.43 +		264.57	264.92	264.75	264.75	264.69 -	264.62 -		264.92	31
Monatsmittel	265.10 +	264.65	263.95 -	264.64	264.63	264.70	264.81	264.80	264.80	264.73	264.51	264.73	
Maximum	265.30 +	264.95	264.46 -	264.74	264.73	264.82	264.96	264.93	264.91	264.85	264.62	264.99	
Datum	15.01	01.02	31.03	13.04	02.05	30.06	30.07	01.08	07.09	12.10	01.11	25.12	
Amplitude	0.47	0.93	0.82	0.35	0.21	0.27	0.32	0.30	0.23	0.23	0.23	0.62	
Jahr 2011	Mittel	264.67 m ü.M.		Maximum	265.30 (15.Jan)			Minimum	263.64 (22.Mrz)			Amplitude	1.66 m



Periode	2000 - 2011												
Monatsmittel	264.91	264.75 -	264.75 -	264.90	264.99	264.95	264.87	265.05 +	264.99	264.89	264.75 -	264.88	
Maximum	265.33	265.03 -	265.59	265.70	265.76	265.42	265.15	266.51 +	265.86	265.77	265.37	265.38	
Jahr	2010	2009	2009	2008	2006	2006	2008	2007	2007	2006	2008	2010	
Minimum	264.45	264.02	263.64 -	264.39	264.47	264.55	264.59	264.64	264.66 +	264.54	264.39	264.37	
Jahr	2007	2011	2011	2011	2007	2011	2006	2011	2009	2009	2011	2011	
Amplitude	0.61	0.93	0.82	0.91	0.66	0.60	0.36 -	1.69 +	0.79	0.96	0.45	0.78	
Jahr	2010	2011	2011	2008	2010	2006	2006	2007	2007	2006	2008	2010	
Periode	Mittel	264.90 m ü.M.		Maximum	266.51 (12.Aug 2007)			Minimum	263.64 (22.Mrz 2011)			Amplitude	2.86 m

Darstellung der letzten 12 Jahre

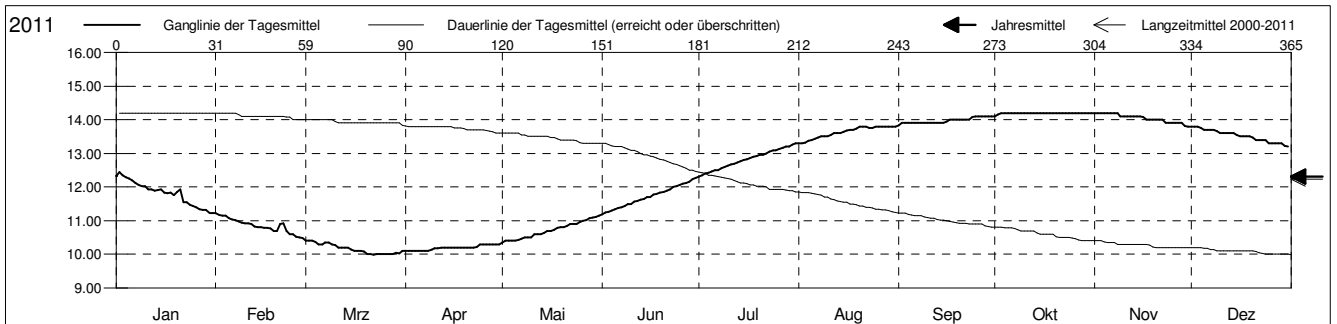


**Grundwassertemperatur**

Birstal  
 Münchenstein 20.J.117 Feuerwehr  
 Abstichpunkt: 280.86 m ü.M.  
 OK Terrain: 281.04 m ü.M.

**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 613219.44 / 263197.72

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.3	11.2 +	10.4 +	10.1 -	10.4 -	11.2 -	12.3 -	13.3 -	13.8 -	14.1 -	14.2 +	13.8 +	1
2	12.5 +	11.2 +	10.4 +	10.1 -	10.4 -	11.2 -	12.4	13.3 -	13.9	14.2 +	14.2 +	13.8 +	2
3	12.3	11.2 +	10.4 +	10.1 -	10.4 -	11.3	12.4	13.3 -	13.9	14.2 +	14.2 +	13.8 +	3
4	12.3	11.2 +	10.4 +	10.1 -	10.4 -	11.3	12.4	13.4	13.9	14.2 +	14.2 +	13.8 +	4
5	12.3	11.1	10.3	10.1 -	10.4 -	11.3	12.5	13.4	13.9	14.2 +	14.2 +	13.7	5
6	12.2	11.0	10.3	10.1 -	10.4 -	11.4	12.5	13.4	13.9	14.2 +	14.2 +	13.7	6
7	12.1	11.0	10.4 +	10.1 -	10.5	11.4	12.5	13.5	13.9	14.2 +	14.2 +	13.7	7
8	12.1	11.0	10.4 +	10.1 -	10.5	11.4	12.6	13.5	13.9	14.2 +	14.2 +	13.7	8
9	12.0	10.9	10.3	10.1 -	10.5	11.5	12.6	13.5	13.9	14.2 +	14.1	13.7	9
10	12.0	10.9	10.3	10.2	10.5	11.5	12.6	13.5	13.9	14.2 +	14.1	13.6	10
11	11.9	10.9	10.2	10.2	10.6	11.6	12.7	13.5	13.9	14.2 +	14.1	13.6	11
12	11.9	10.9	10.2	10.2	10.6	11.6	12.7	13.6	13.9	14.2 +	14.1	13.6	12
13	11.9	10.8	10.2	10.2	10.6	11.6	12.7	13.6	13.9	14.2 +	14.1	13.6	13
14	11.9	10.8	10.2	10.2	10.6	11.6	12.8	13.6	13.9	14.2 +	14.1	13.6	14
15	11.9	10.8	10.1	10.2	10.7	11.7	12.8	13.6	13.9	14.2 +	14.1	13.5	15
Max. +	11.8	10.8	10.1	10.2	10.7	11.7	12.8	13.7	13.9	14.2 +	14.1	13.5	16
17	11.8	10.8	10.1	10.2	10.7	11.8	12.9	13.7	14.0	14.2 +	14.0	13.5	17
18	11.8	10.8	10.1	10.2	10.8	11.8	12.9	13.7	14.0	14.2 +	14.0	13.5	18
19	11.8	10.7	10.1	10.2	10.8	11.8	12.9	13.7	14.0	14.2 +	14.0	13.5	19
20	11.9	10.7	10.0 -	10.2	10.8	11.9	12.9	13.8 +	14.0	14.2 +	14.0	13.5	20
Min. -	11.9	10.9	10.0 -	10.2	10.8	11.9	13.0	13.8 +	14.0	14.2 +	14.0	13.4	21
22	11.6	10.9	10.0 -	10.2	10.9	11.9	13.0	13.8 +	14.0	14.2 +	14.0	13.4	22
23	11.6	10.7	10.0 -	10.2	10.9	12.0	13.1	13.8 +	14.0	14.2 +	13.9	13.4	23
24	11.5	10.6	10.0 -	10.3 +	10.9	12.0	13.1	13.8 +	14.1 +	14.2 +	13.9	13.4	24
25	11.4	10.6	10.0 -	10.3 +	11.0	12.1	13.1	13.8 +	14.1 +	14.2 +	13.9	13.3	25
26	11.4	10.5 -	10.0 -	10.3 +	11.0	12.1	13.1	13.8 +	14.1 +	14.2 +	13.9	13.3	26
27	11.3	10.5 -	10.0 -	10.3 +	11.0	12.1	13.2	13.8 +	14.1 +	14.2 +	13.9	13.3	27
28	11.3	10.5 -	10.0 -	10.3 +	11.1	12.2	13.2	13.8 +	14.1 +	14.2 +	13.9	13.3	28
29	11.3	10.5 -	10.0 -	10.3 +	11.1	12.2	13.2	13.8 +	14.1 +	14.2 +	13.8 -	13.3	29
30	11.2 -	10.0 -	10.3 +	10.3 +	11.1	12.3 +	13.3 +	13.8 +	14.1 +	14.2 +	13.8 -	13.2 -	30
31	11.2 -	10.1	10.1	11.2 +	11.2 +	13.3 +	13.8 +	13.8 +	14.1 +	14.2 +	13.2 -	13.2 -	31
Monatsmittel	11.8	10.9	10.2 -	10.2 -	10.7	11.7	12.8	13.6	14.0	14.2 +	14.0	13.5	
Maximum	12.7	11.5	10.4	10.3 -	11.2	12.3	13.3	13.8	14.1	14.3 +	14.2	13.8	
Datum	01.01	01.02	01.03	23.04	30.05	29.06	30.07	19.08	24.09	20.10	01.11	01.12	
Minimum	11.2	10.4	9.9 -	10.1	10.3	11.1	12.3	13.3	13.8	14.1 +	13.8	13.2	
Datum	30.01	28.02	22.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	29.11	30.12	
Amplitude	1.5	1.1	0.5	0.2	0.9	1.2	1.0	0.5	0.3	0.2	0.4	0.6	
Jahr 2011	Mittel	12.3 °C		Maximum	14.3 (20.Okt)			Minimum	9.9 (22.Mrz)			Amplitude	4.4 °C



Periode	2000 - 2011												
Monatsmittel	12.1	11.3	10.7	10.3 -	10.5	11.1	12.1	13.1	13.8	14.0 +	13.8	13.1	
Maximum	13.1	12.7	12.2	11.7 -	12.0	12.4	13.3	14.0	14.3	14.4 +	14.3	13.8	
Jahr	2007	2007	2007	2007	2006	2007	2011	2008	2008	2008	2009	2009	
Minimum	10.9	9.9	9.3	9.2 -	9.2 -	10.0	10.8	11.9	12.8	13.0	13.2 +	12.2	
Jahr	2009	2009	2009	2009	2009	2009	2006	2006	2007	2006	2010	2007	
Amplitude	1.7 +	1.3	1.7 +	0.5 -	1.7 +	1.6	1.4	1.4	1.0	0.8	0.8	1.2	
Jahr	2009	2009	2009	2008	2006	2009	2008	2006	2007	2006	2008	2007	
Periode	Mittel	12.2 °C		Maximum	14.4 (03.Okt 2008)			Minimum	9.2 (04.Apr 2009)			Amplitude	5.2 °C

Darstellung der letzten 12 Jahre

