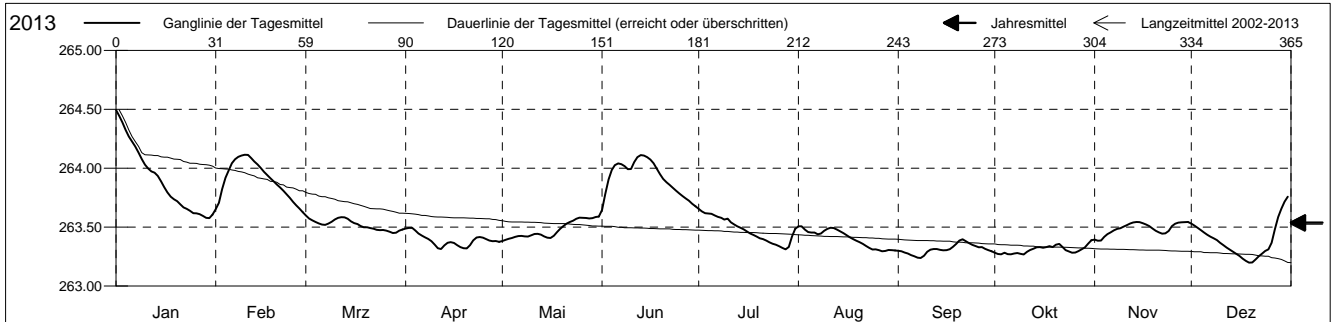


**Grundwasserstände**

Birstal  
 Münchenstein 20.J.115 Grubenstrasse  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

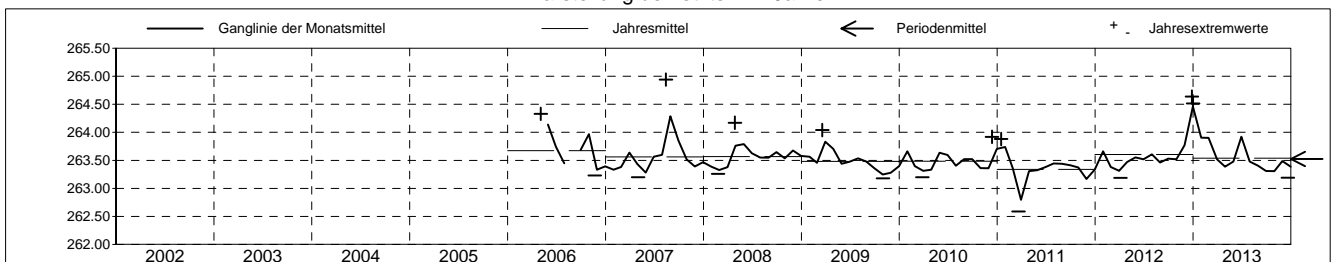
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	264.49 +	263.65	263.60 +	263.49 +	263.38 -	263.64 -	263.65 +	263.51 +	263.30	263.28	263.39	263.53	1
2	264.44	263.71	263.57	263.49 +	263.39	263.78	263.63	263.51 +	263.29	263.27 -	263.38 -	263.51	2
3	264.39	263.82	263.56	263.49 +	263.40	263.91	263.62	263.48	263.28	263.27 -	263.39	263.49	3
4	264.32	263.92	263.54	263.47	263.41	263.99	263.62	263.46	263.28	263.28	263.42	263.47	4
Tagesmittel	264.27	263.98	263.53	263.45	263.42	264.03	263.61	263.45	263.26	263.27 -	263.44	263.45	5
6	264.23	264.04	263.52	263.43	263.42	264.04	263.60	263.45	263.25	263.27 -	263.46	263.43	6
7	264.18	264.08	263.52	263.41	263.43	264.03	263.59	263.44	263.24 -	263.28	263.47	263.42	7
8	264.13	264.10	263.53	263.40	263.42	264.02	263.58	263.45	263.24 -	263.28	263.48	263.40	8
9	264.08	264.11 +	263.55	263.38	263.42	263.99	263.56	263.47	263.26	263.27 -	263.49	263.39	9
10	264.03	264.11 +	263.56	263.35	263.43	263.99	263.57	263.49	263.29	263.27 -	263.50	263.37	10
11	264.00	264.11 +	263.58	263.32	263.44	264.05	263.54	263.49	263.31	263.29	263.52	263.35	11
12	263.97	264.09	263.58	263.31 -	263.44	264.09	263.52	263.49	263.31	263.31	263.53	263.33	12
13	263.96	264.06	263.58	263.34	263.44	264.11 +	263.51	263.48	263.31	263.32	263.54 +	263.31	13
14	263.93	264.03	263.57	263.37	263.42	264.11 +	263.49	263.46	263.31	263.33	263.54 +	263.29	14
Max. +	263.89	264.00	263.55	263.37	263.41	264.09	263.48	263.45	263.30	263.33	263.54 +	263.27	15
16	263.84	263.97	263.53	263.36	263.41	264.07	263.46	263.43	263.30	263.32	263.53	263.26	16
17	263.79	263.94	263.53	263.35	263.43	264.04	263.45	263.41	263.31	263.33	263.52	263.23	17
18	263.76	263.91	263.51	263.33	263.46	264.00	263.43	263.40	263.33	263.34	263.51	263.21	18
19	263.74	263.89	263.50	263.32	263.48	263.95	263.42	263.38	263.36	263.33	263.49	263.20 -	19
Min. -	263.72	263.86	263.50	263.32	263.51	263.91	263.41	263.37	263.39	263.35	263.47	263.20 -	20
21	263.69	263.84	263.49	263.35	263.53	263.88	263.40	263.36	263.40 +	263.36	263.46	263.23	21
22	263.67	263.81	263.49	263.39	263.54	263.86	263.39	263.34	263.38	263.33	263.44	263.25	22
23	263.66	263.78	263.48	263.41	263.55	263.83	263.37	263.32	263.36	263.30	263.45	263.27	23
24	263.64	263.75	263.47	263.42	263.57	263.81	263.36	263.31	263.35	263.29	263.47	263.30	24
25	263.62	263.71	263.48	263.41	263.58	263.78	263.35	263.31	263.34	263.28	263.51	263.31	25
26	263.62	263.68	263.47	263.40	263.58	263.76	263.34	263.30 -	263.33	263.28	263.53	263.37	26
27	263.61	263.66	263.46	263.39	263.58	263.74	263.32	263.30 -	263.33	263.30	263.54 +	263.48	27
28	263.59	263.63 -	263.45 -	263.38	263.57	263.72	263.31 -	263.30 -	263.31	263.31	263.54 +	263.59	28
29	263.58 -		263.45 -	263.38	263.58	263.70	263.33	263.31	263.30	263.33	263.54 +	263.66	29
30	263.58 -		263.47	263.38	263.59 +	263.68	263.42	263.30 -	263.29	263.36	263.54 +	263.72	30
31	263.61		263.48		263.59 +		263.48	263.30 -		263.39 +		263.76 +	31
Monatsmittel	263.90	263.90	263.52	263.39	263.48	263.92 +	263.48	263.40	263.31 -	263.31 -	263.49	263.39	
Maximum	264.52 +	264.13	263.62	263.50	263.61	264.12	263.67	263.52	263.40	263.39 -	263.55	263.78	
Datum	01.01	10.02	01.03	02.04	31.05	13.06	01.07	01.08	21.09	31.10	14.11	31.12	
Amplitude	0.95	0.51	0.17	0.21	0.23	0.51	0.37	0.23	0.17	0.13	0.17	0.59	
Jahr 2013	Mittel	263.54 m ü.M.		Maximum	264.52 (01.Jan)		Minimum	263.19 (20.Dez)		Amplitude		1.33 m	



Periode	2002 - 2013												
Monatsmittel	263.61 +	263.46	263.40 -	263.49	263.58	263.60	263.51	263.59	263.54	263.48	263.43	263.59	
Maximum	264.52	264.13	264.04	264.17	264.33	264.12	263.68 -	264.94 +	264.31	264.33	264.14	264.64	
Jahr	2013	2013	2009	2008	2006	2013	2012	2007	2007	2006	2012	2012	
Minimum	263.24	262.93	262.59 -	263.10	263.20	263.27	263.31 +	263.29	263.23	263.19	263.05	263.04	
Jahr	2007	2011	2011	2011	2007	2011	2013	2013	2013	2009	2011	2011	
Amplitude	0.95	0.64	0.54	0.73	0.53	0.51	0.37 -	1.44 +	0.69	0.78	0.67	0.61	
Jahr	2013	2011	2009	2008	2008	2013	2013	2007	2007	2006	2012	2010	
Periode	Mittel	263.52 m ü.M.		Maximum	264.94 (14.Aug 2007)		Minimum	262.59 (21.Mrz 2011)		Amplitude		2.35 m	

Darstellung der letzten 12 Jahre

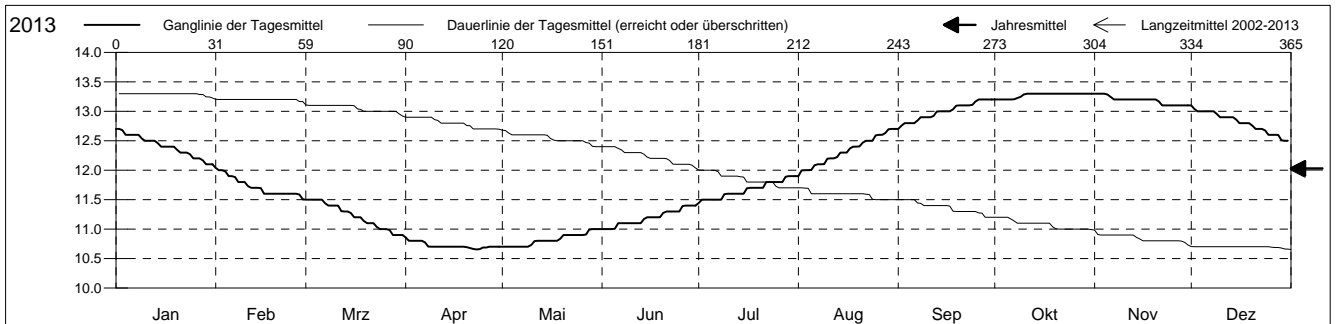


**Grundwassertemperatur**

Birstal  
 Münchenstein 20.J.115 Grubenstrasse  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

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

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.7 +	12.0 +	11.5 +	10.9 +	10.7 -	11.0 -	11.4 -	11.9 -	12.7 -	13.2 -	13.3 +	13.1 +	1
2	12.7 +	12.0 +	11.5 +	10.8	10.7 -	11.0 -	11.5	12.0	12.8	13.2 -	13.3 +	13.0	2
3	12.7 +	12.0 +	11.5 +	10.8	10.7 -	11.0 -	11.5	12.0	12.8	13.2 -	13.3 +	13.0	3
4	12.6	12.0 +	11.5 +	10.8	10.7 -	11.0 -	11.5	12.0	12.8	13.2 -	13.3 +	13.0	4
5	12.6	11.9	11.5 +	10.8	10.7 -	11.0 -	11.5	12.0	12.8	13.2 -	13.3 +	13.0	5
Tagesmittel													
6	12.6	11.9	11.5 +	10.8	10.7 -	11.1	11.5	12.1	12.8	13.2 -	13.2	13.0	6
7	12.6	11.9	11.4	10.8	10.7 -	11.1	11.5	12.1	12.8	13.2 -	13.2	13.0	7
8	12.6	11.8	11.4	10.7 -	10.7 -	11.1	11.5	12.1	12.9	13.2 -	13.2	13.0	8
9	12.5	11.8	11.4	10.7 -	10.7 -	11.1	11.6	12.1	12.9	13.2 -	13.2	13.0	9
10	12.5	11.8	11.4	10.7 -	10.7 -	11.1	11.6	12.2	12.9	13.3 +	13.2	12.9	10
11	12.5	11.7	11.4	10.7 -	10.8	11.1	11.6	12.2	12.9	13.3 +	13.2	12.9	11
12	12.5	11.7	11.3	10.7 -	10.8	11.1	11.6	12.2	12.9	13.3 +	13.2	12.9	12
13	12.5	11.7	11.3	10.7 -	10.8	11.1	11.6	12.2	13.0	13.3 +	13.2	12.9	13
14	12.5	11.7	11.3	10.7 -	10.8	11.2	11.6	12.3	13.0	13.3 +	13.2	12.9	14
15	12.4	11.7	11.3	10.7 -	10.8	11.2	11.6	12.3	13.0	13.3 +	13.2	12.9	15
Max. +													
16	12.4	11.6	11.2	10.7 -	10.8	11.2	11.7	12.3	13.0	13.3 +	13.2	12.8	16
17	12.4	11.6	11.2	10.7 -	10.8	11.2	11.7	12.4	13.0	13.3 +	13.2	12.8	17
18	12.4	11.6	11.2	10.7 -	10.8	11.2	11.7	12.4	13.0	13.3 +	13.2	12.8	18
19	12.4	11.6	11.1	10.7 -	10.8	11.2	11.7	12.4	13.1	13.3 +	13.2	12.8	19
20	12.3	11.6	11.1	10.7 -	10.9	11.3	11.7	12.4	13.1	13.3 +	13.2	12.8	20
Min. -													
21	12.3	11.6	11.1	10.7 -	10.9	11.3	11.7	12.5	13.1	13.3 +	13.2	12.7	21
22	12.3	11.6	11.1	10.7 -	10.9	11.3	11.8	12.5	13.1	13.3 +	13.1 -	12.7	22
23	12.3	11.6	11.0	10.7 -	10.9	11.3	11.8	12.5	13.1	13.3 +	13.1 -	12.7	23
24	12.3	11.6	11.0	10.7 -	10.9	11.3	11.8	12.5	13.1	13.3 +	13.1 -	12.7	24
25	12.2	11.6	11.0	10.7 -	10.9	11.3	11.8	12.6	13.2 +	13.3 +	13.1 -	12.6	25
26	12.2	11.6	11.0	10.7 -	10.9	11.4 +	11.8	12.6	13.2 +	13.3 +	13.1 -	12.6	26
27	12.2	11.6	11.0	10.7 -	10.9	11.4 +	11.8	12.6	13.2 +	13.3 +	13.1 -	12.6	27
28	12.2	11.5 -	10.9 -	10.7 -	11.0 +	11.4 +	11.9 +	12.6	13.2 +	13.3 +	13.1 -	12.6	28
29	12.1 -		10.9 -	10.7 -	11.0 +	11.4 +	11.9 +	12.7 +	13.2 +	13.3 +	13.1 -	12.5 -	29
30	12.1 -		10.9 -	10.7 -	11.0 +	11.4 +	11.9 +	12.7 +	13.2 +	13.3 +	13.1 -	12.5 -	30
31	12.1 -		10.9 -		11.0 +		11.9 +	12.7 +		13.3 +		12.5 -	31
Monatsmittel	12.4	11.7	11.2	10.7 -	10.8	11.2	11.7	12.3	13.0	13.3 +	13.2	12.8	
Maximum	12.7	12.1	11.5	10.9 -	11.0	11.4	11.9	12.7	13.2	13.3 +	13.3 +	13.1	
Datum	01.01	01.02	01.03	01.04	27.05	26.06	28.07	28.08	24.09	07.10	01.11	01.12	
Minimum	12.1	11.5	10.9	10.6 -	10.7	11.0	11.4	11.9	12.7	13.2 +	13.1	12.5	
Datum	28.01	27.02	27.03	20.04	01.05	01.06	01.07	01.08	01.09	01.10	21.11	29.12	
Amplitude	0.6	0.6	0.6	0.3	0.3	0.4	0.5	0.8	0.5	0.1	0.2	0.6	
Jahr 2013	Mittel	12.0 °C		Maximum	13.3 (07.Okt)		Minimum	10.6 (20.Apr)		Amplitude	2.7 °C		



Periode	2002 - 2013												
Monatsmittel	11.9	11.3	10.7	10.5 -	10.7	11.3	12.0	12.7	13.2	13.4 +	13.2	12.6	
Maximum	12.7	12.1	11.5	11.2 -	11.5	12.1	12.8	13.2	13.7 +	13.7 +	13.7 +	13.3	
Jahr	2013	2012	2007	2007	2007	2007	2011	2011	2009 +	2009 +	2009 +	2011	
Minimum	10.9	10.3	10.0 -	10.0 -	10.0 -	10.6	11.1	11.9	12.7	13.1 +	12.6	11.8	
Jahr	2008	2009	2008	2008	2009	2008	2006	2013	2013	2007	2007	2007	
Amplitude	0.9	0.9	0.6	0.3	0.7	1.0 +	1.0 +	0.9	0.6	0.2 -	0.6	0.9	
Jahr	2008	2010	2010	2013	2011	2009	2006	2010	2009	2008	2009	2008	
Periode	Mittel	12.0 °C		Maximum	13.7 (30.Sep 2009)		Minimum	10.0 (23.Mrz 2008)		Amplitude	3.7 °C		

Darstellung der letzten 12 Jahre

