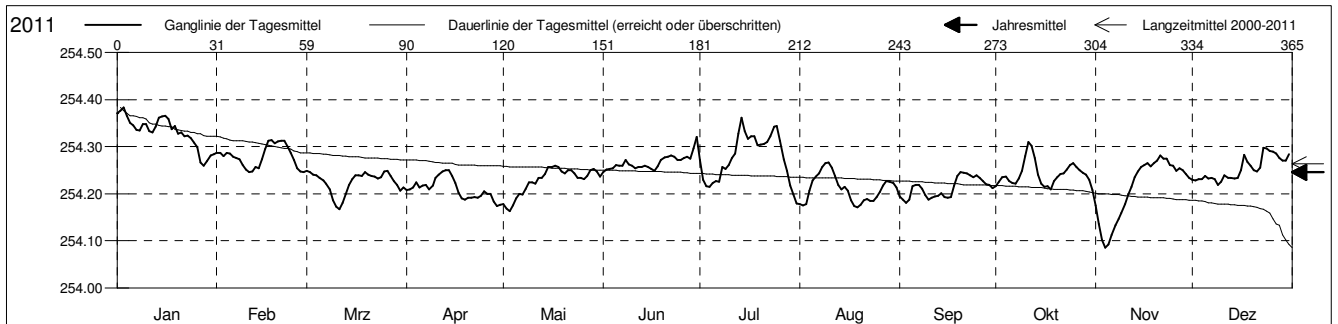


**Grundwasserstände**

Birstal  
 Birsfelden 17.J.8 Swissterminal  
 Abstichpunkt: 258.83 m ü.M.  
 OK Terrain: 259.00 m ü.M.

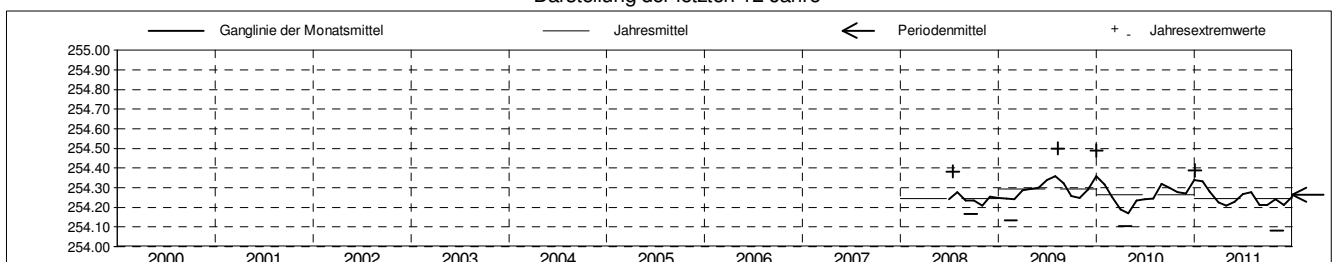
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 615435.63 / 266849.44

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
1	254.37	254.29	254.25 +	254.21	254.18	254.25 -	254.27	254.18	254.19	254.22	254.17	254.23
2	254.38 +	254.29	254.25 +	254.21	254.17	254.25 -	254.23	254.18	254.19	254.23	254.14	254.23
3	254.38 +	254.28	254.24	254.21	254.16 -	254.25 -	254.22	254.18	254.18 -	254.24	254.10	254.23
4	254.37	254.29	254.24	254.22	254.18	254.25 -	254.22	254.21	254.19	254.24	254.09 -	254.23
5	254.35	254.29	254.23	254.21	254.19	254.26	254.22	254.23	254.22	254.23	254.09 -	254.24
Tagesmittel												
6	254.35	254.28	254.23	254.22	254.20	254.26	254.23	254.24	254.22	254.22	254.11	254.23
7	254.34	254.28	254.22	254.22	254.20	254.26	254.23	254.24	254.22	254.22	254.13	254.23
8	254.34	254.27	254.21	254.21	254.21	254.27	254.26	254.26	254.21	254.23	254.15	254.23
9	254.35	254.26	254.19	254.22	254.22	254.26	254.25	254.27 +	254.20	254.25	254.16	254.22 -
10	254.35	254.25 -	254.17 -	254.23	254.22	254.26	254.26	254.27 +	254.19	254.28	254.18	254.23
11	254.33	254.25 -	254.17 -	254.24	254.22	254.25 -	254.28	254.26	254.19	254.31 +	254.20	254.24
12	254.33	254.25 -	254.18	254.25 +	254.23	254.26	254.29	254.24	254.20	254.30	254.22	254.23
13	254.34	254.26	254.20	254.25 +	254.23	254.26	254.33	254.22	254.20	254.28	254.23	254.23
14	254.36	254.25 -	254.22	254.25 +	254.24	254.26	254.36 +	254.21	254.20	254.24	254.25	254.23
Max. +	254.36	254.27	254.23	254.24	254.26 +	254.26	254.33	254.21	254.19	254.22	254.26	254.23
16	254.37	254.30	254.24	254.22	254.26 +	254.25 -	254.32	254.21	254.19	254.21 -	254.26	254.25
17	254.36	254.31 +	254.24	254.20	254.26 +	254.25 -	254.32	254.19	254.19	254.22	254.26	254.28
18	254.34	254.31 +	254.24	254.19	254.26 +	254.26	254.32	254.17 -	254.22	254.21 -	254.26	254.27
19	254.34	254.31 +	254.25 +	254.19	254.25	254.27	254.30	254.17 -	254.24	254.23	254.26	254.26
Min. -	254.33	254.31 +	254.24	254.19	254.24	254.28	254.30	254.18	254.25 +	254.24	254.27	254.25
21	254.33	254.31 +	254.24	254.19	254.25	254.28	254.31	254.19	254.24	254.24	254.28 +	254.25
22	254.32	254.31 +	254.24	254.19	254.25	254.28	254.31	254.19	254.24	254.24	254.28 +	254.26
23	254.32	254.30	254.23	254.19	254.24	254.28	254.32	254.19	254.24	254.25	254.27	254.30 +
24	254.32	254.29	254.24	254.20	254.23	254.27	254.34	254.18	254.23	254.26	254.26	254.30 +
25	254.31	254.27	254.25 +	254.21	254.23	254.27	254.34	254.19	254.24	254.26	254.26	254.29
26	254.30	254.25 -	254.25 +	254.20	254.23	254.28	254.31	254.20	254.23	254.26	254.25	254.29
27	254.27	254.25 -	254.24	254.20	254.24	254.28	254.27	254.22	254.23	254.25	254.25	254.29
28	254.26 -	254.25 -	254.23	254.18	254.25	254.27	254.25	254.23	254.22	254.24	254.25	254.28
29	254.27		254.22	254.17 -	254.25	254.30	254.22	254.23	254.22	254.24	254.24	254.27
30	254.28		254.21	254.18	254.25	254.32 +	254.20	254.22	254.21	254.23	254.23	254.27
31	254.28		254.21	254.18	254.24	254.18 -	254.21	254.21	254.21	254.21 -	254.23	254.28
Monatsmittel	254.33 +	254.28	254.22	254.21 -	254.23	254.27	254.28	254.21 -	254.21 -	254.24	254.21 -	254.25
Maximum	254.39 +	254.33	254.25 -	254.26	254.27	254.37	254.38	254.27	254.25 -	254.31	254.29	254.32
Datum	03.01	17.02	19.03	14.04	17.05	29.06	13.07	09.08	20.09	11.10	21.11	31.12
Amplitude	0.13	0.09	0.09	0.09	0.11	0.13	0.21	0.11	0.08	0.12	0.20	0.11
Jahr 2011	Mittel	254.25 m ü.M.		Maximum	254.39 (03.Jan)		Minimum	254.08 (04.Nov)		Amplitude	0.31 m	



Periode	2000 - 2011											
Monatsmittel	254.30 +	254.26	254.23	254.22 -	254.25	254.27	254.29	254.27	254.25	254.24	254.26	254.30 +
Maximum	254.49	254.33 -	254.34	254.36	254.35	254.39	254.43	254.50 +	254.37	254.34	254.33 -	254.49
Jahr	2010	2011	2009	2009	2009	2009	2009	2009	2010	2010	2009	2009
Minimum	254.20 +	254.13	254.14	254.10	254.16	254.17	254.17	254.16	254.16	254.17	254.08 -	254.19
Jahr	2009	2009	2010	2010	2011	2008	2011	2011	2008	2008	2011	2008
Amplitude	0.25 +	0.16	0.10 -	0.13	0.13	0.13	0.22	0.23	0.15	0.12	0.20	0.21
Jahr	2010	2009	2009	2009	2010	2011	2010	2009	2008	2008	2011	2009
Periode	Mittel	254.26 m ü.M.		Maximum	254.50 (10.Aug 2009)		Minimum	254.08 (04.Nov 2011)		Amplitude	0.42 m	

Darstellung der letzten 12 Jahre

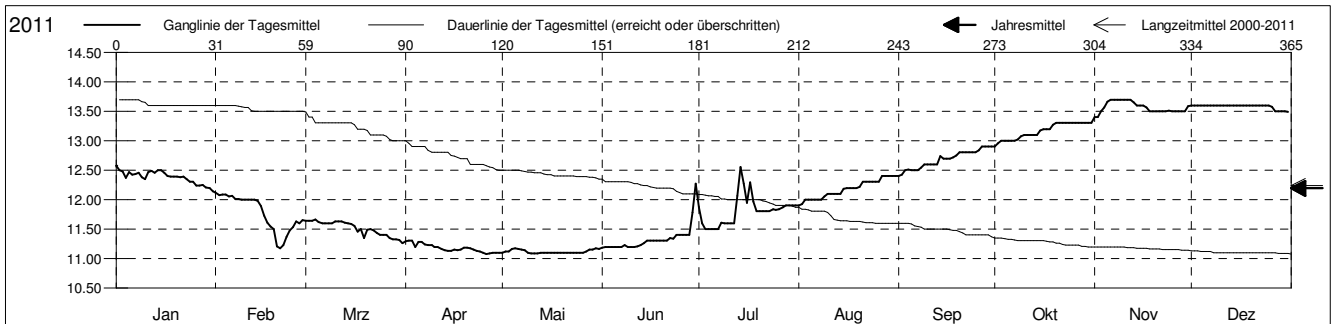


**Grundwassertemperatur**

Birstal  
 Birsfelden 17.J.8 Swissterminal  
 Abstichpunkt: 258.83 m ü.M.  
 OK Terrain: 259.00 m ü.M.

**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 615435.63 / 266849.44

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.6 +	12.1 +	11.6	11.3 +	11.1 -	11.2 -	11.9	11.9 -	12.4 -	12.9 -	13.4 -	13.6 +	1
2	12.5	12.1 +	11.6	11.3 +	11.1 -	11.2 -	11.6	11.9 -	12.4 -	13.0	13.4 -	13.6 +	2
3	12.5	12.1 +	11.6	11.3 +	11.1 -	11.2 -	11.5 -	12.0	12.5	13.0	13.5	13.6 +	3
4	12.4	12.1 +	11.7 +	11.2	11.2 +	11.2 -	11.5 -	12.0	12.5	13.0	13.6	13.6 +	4
5	12.5	12.1 +	11.6	11.3 +	11.2 +	11.2 -	11.5 -	12.0	12.5	13.0	13.7 +	13.6 +	5
6	12.4	12.1 +	11.6	11.3 +	11.2 +	11.2 -	11.5 -	12.0	12.5	13.0	13.7 +	13.6 +	6
7	12.4	12.0	11.6	11.2	11.2 +	11.2 -	11.5 -	12.0	12.5	13.0	13.7 +	13.6 +	7
8	12.5	12.0	11.6	11.2	11.1 -	11.2 -	11.6	12.0	12.5	13.0	13.7 +	13.6 +	8
9	12.4	12.0	11.6	11.2	11.1 -	11.2 -	11.6	12.1	12.6	13.1	13.7 +	13.6 +	9
10	12.4	12.0	11.6	11.2	11.1 -	11.2 -	11.6	12.1	12.6	13.1	13.7 +	13.6 +	10
11	12.5	12.0	11.6	11.2	11.1 -	11.2 -	11.6	12.1	12.6	13.1	13.7 +	13.6 +	11
12	12.5	12.0	11.6	11.2	11.1 -	11.2 -	11.6	12.1	12.6	13.1	13.7 +	13.6 +	12
13	12.5	12.0	11.6	11.1 -	11.1 -	11.2 -	12.1	12.1	12.6	13.1	13.7 +	13.6 +	13
14	12.5	12.0	11.6	11.1 -	11.1 -	11.3	12.6 +	12.1	12.7	13.1	13.6	13.6 +	14
15	12.5	11.9	11.6	11.1 -	11.1 -	11.3	12.3	12.2	12.7	13.2	13.6	13.6 +	15
16	12.5	11.7	11.6	11.2	11.1 -	11.3	11.9	12.2	12.7	13.2	13.6	13.6 +	16
17	12.4	11.6	11.5	11.1 -	11.1 -	11.3	12.3	12.2	12.7	13.2	13.6	13.6 +	17
18	12.4	11.5	11.5	11.2	11.1 -	11.3	12.0	12.2	12.7	13.2	13.5	13.6 +	18
19	12.4	11.5	11.3 -	11.2	11.1 -	11.3	11.8	12.2	12.8	13.3 +	13.5	13.6 +	19
20	12.4	11.2 -	11.5	11.2	11.1 -	11.3	11.8	12.2	12.8	13.3 +	13.5	13.6 +	20
21	12.4	11.2 -	11.5	11.2	11.1 -	11.3	11.8	12.3	12.8	13.3 +	13.5	13.6 +	21
22	12.4	11.2 -	11.5	11.1 -	11.1 -	11.4	11.8	12.3	12.8	13.3 +	13.5	13.6 +	22
23	12.3	11.4	11.4	11.1 -	11.1 -	11.3	11.8	12.3	12.8	13.3 +	13.5	13.6 +	23
24	12.3	11.5	11.4	11.1 -	11.1 -	11.4	11.8	12.3	12.8	13.3 +	13.5	13.6 +	24
25	12.3	11.5	11.4	11.1 -	11.1 -	11.4	11.8	12.3	12.8	13.3 +	13.5	13.6 +	25
26	12.2	11.6	11.4	11.1 -	11.1 -	11.4	11.8	12.3	12.8	13.3 +	13.5	13.6 +	26
27	12.2	11.6	11.4	11.1 -	11.1 -	11.4	11.9	12.4 +	12.9 +	13.3 +	13.5	13.5 -	27
28	12.3	11.7	11.3 -	11.1 -	11.2 +	11.4	11.9	12.4 +	12.9 +	13.3 +	13.5	13.5 -	28
29	12.2		11.3 -	11.1 -	11.2 +	11.8	11.9	12.4 +	12.9 +	13.3 +	13.5	13.5 -	29
30	12.2		11.3 -	11.1 -	11.2 +	12.3 +	11.9	12.4 +	12.9 +	13.3 +	13.6	13.5 -	30
31	12.1 -		11.3 -		11.2 +		11.9	12.4 +		13.3 +		13.5 -	31
Monatsmittel	12.4	11.8	11.5	11.2	11.1 -	11.3	11.8	12.2	12.7	13.2	13.6 +	13.6 +	
Maximum	12.6	12.2	12.1	11.4	11.2 -	13.1	12.8	12.4	13.2	13.6	13.7 +	13.6	
Datum	01.01	01.02	10.03	02.04	02.05	29.06	13.07	26.08	14.09	19.10	05.11	01.12	
Minimum	11.9	10.8 -	11.1	10.8 -	10.9	11.1	11.5	11.9	12.4	12.9	13.4 +	13.4 +	
Datum	09.01	20.02	19.03	26.04	11.05	01.06	03.07	01.08	01.09	01.10	01.11	31.12	
Amplitude	0.7	1.4	1.0	0.6	0.3	2.0	1.3	0.5	0.8	0.7	0.3	0.2	
Jahr 2011	Mittel	12.2 °C		Maximum	13.7 (05.Nov)		Minimum	10.8 (20.Feb)		Amplitude	2.9 °C		



Periode	2000 - 2011												
Monatsmittel	12.9	12.4	11.9	11.5	11.2 -	11.3	11.5	12.0	12.4	12.9	13.3 +	13.3 +	
Maximum	13.5	13.1	12.6	12.0	11.6 -	13.1	12.8	15.0 +	13.7	13.8	13.7	13.6	
Jahr	2009	2009	2009	2009	2009	2011	2011	2009	2008	2009	2011	2008	
Minimum	11.9	10.8	11.1	10.8	10.5 -	11.0	11.0	11.4	11.9	12.5	12.8 +	12.6	
Jahr	2011	2011	2011	2011	2010	2008	2008	2008	2008	2008	2010	2010	
Amplitude	0.7	1.4	1.0	0.6	0.8	2.0	1.3	3.1 +	1.8	1.1	0.4 -	0.6	
Jahr	2011	2011	2011	2011	2010	2011	2011	2009	2008	2008	2009	2009	
Periode	Mittel	12.2 °C		Maximum	15.0 (10.Aug 2009)		Minimum	10.5 (13.Mai 2010)		Amplitude	4.5 °C		

Darstellung der letzten 12 Jahre

