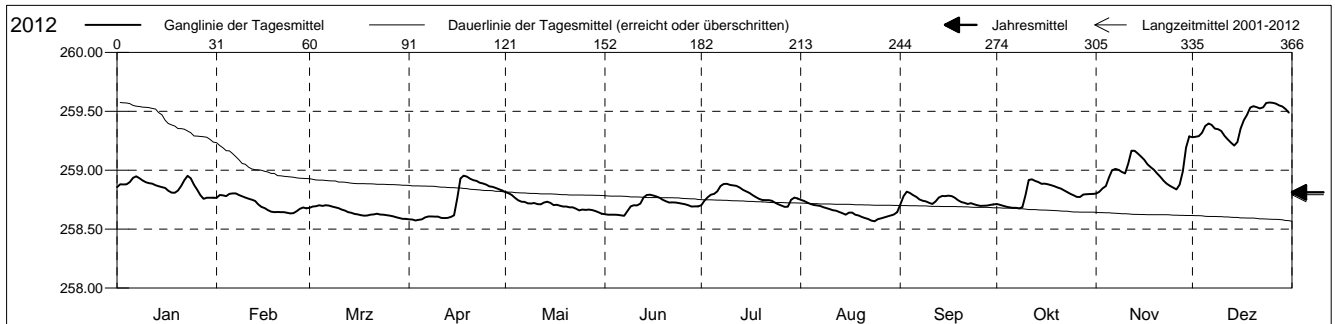


**Grundwasserstände**

Birstal  
 Münchenstein 20.J.96 G80-Karussell  
 Abstichpunkt: 262.92 m ü.M.  
 OK Terrain: 263.14 m ü.M.

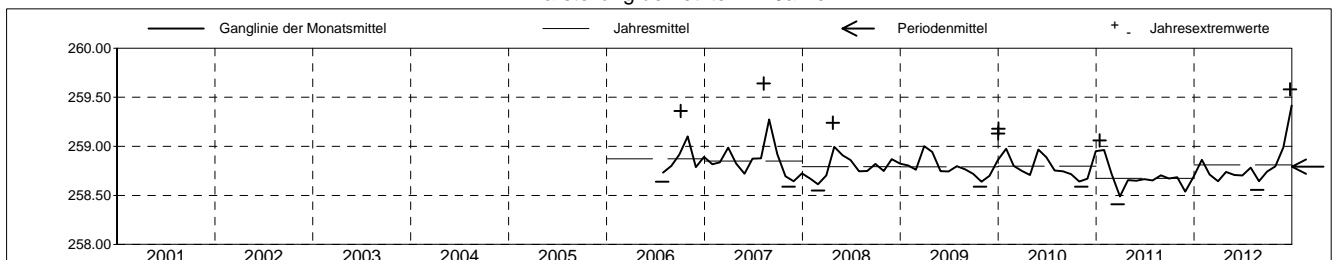
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	258.86	258.77	258.68	258.58	258.81 +	258.63	258.70	258.75 +	258.71	258.71	258.80 -	259.28	1
2	258.88	258.79	258.69	258.58	258.80	258.62	258.74	258.74	258.78	258.71	258.82	259.28	2
3	258.88	258.79	258.69	258.57 -	258.79	258.62	258.77	258.73	258.82 +	258.70	258.85	259.29	3
4	258.88	258.78	258.70 +	258.58	258.77	258.62	258.79	258.71	258.81	258.69	258.87	259.32	4
5	258.90	258.80 +	258.70 +	258.58	258.74	258.62	258.80	258.70	258.79	258.68 -	258.94	259.38	5
6	258.93	258.80 +	258.70 +	258.60	258.73	258.62	258.82	258.70	258.77	258.68 -	259.00	259.40	6
7	258.95 +	258.80 +	258.70 +	258.61	258.73	258.61 -	258.87	258.70	258.75	258.68 -	259.01	259.38	7
8	258.93	258.79	258.69	258.61	258.72	258.65	258.88 +	258.69	258.74	258.68 -	259.00	259.35	8
9	258.91	258.78	258.68	258.61	258.72	258.69	258.88 +	258.68	258.73	258.69	258.98	259.35	9
10	258.90	258.77	258.68	258.61	258.72	258.70	258.87	258.67	258.72	258.79	258.97	259.33	10
11	258.89	258.76	258.67	258.60	258.71	258.70	258.87	258.66	258.71	258.92 +	259.06	259.29	11
12	258.89	258.75	258.66	258.59	258.71	258.72	258.87	258.66	258.74	258.92 +	259.17	259.26	12
13	258.87	258.74	258.64	258.60	258.73	258.77	258.85	258.65	258.77	258.91	259.16	259.23	13
14	258.86	258.71	258.64	258.60	258.73	258.79 +	258.83	258.63	258.78	258.90	259.14	259.21 -	14
15	258.86	258.69	258.63	258.62	258.72	258.79 +	258.82	258.62	258.78	258.88	259.12	259.24	15
16	258.85	258.68	258.63	258.76	258.70	258.78	258.81	258.64	258.78	258.89	259.09	259.35	16
17	258.83	258.66	258.62	258.93	258.71	258.78	258.79	258.64	258.78	258.88	259.05	259.42	17
18	258.81	258.65	258.61	258.95 +	258.70	258.77	258.77	258.62	258.77	258.87	259.03	259.47	18
19	258.81	258.64	258.62	258.95 +	258.69	258.75	258.76	258.62	258.74	258.86	259.00	259.53	19
20	258.83	258.65	258.62	258.93	258.69	258.74	258.75	258.60	258.73	258.85	258.97	259.54	20
21	258.87	258.64	258.63	258.92	258.68	258.73	258.75	258.59	258.72	258.84	258.94	259.53	21
22	258.92	258.64	258.63	258.91	258.68	258.73	258.75	258.59	258.71	258.83	258.91	259.52	22
23	258.95 +	258.64	258.62	258.89	258.67	258.73	258.74	258.57 -	258.72	258.81	258.89	259.53	23
24	258.93	258.63 -	258.62	258.89	258.66	258.72	258.72	258.57 -	258.71	258.80	258.87	259.57	24
25	258.88	258.64	258.62	258.88	258.67	258.72	258.71	258.58	258.70 -	258.79	258.85	259.58 +	25
26	258.83	258.65	258.61	258.86	258.66	258.71	258.70	258.59	258.70 -	258.77	258.84	259.57	26
27	258.79	258.67	258.61	258.86	258.67	258.70	258.69 -	258.60	258.70 -	258.77	258.88	259.56	27
28	258.76 -	258.68	258.60	258.85	258.66	258.69	258.69 -	258.61	258.70 -	258.79	258.99	259.55	28
29	258.77	258.68	258.59 -	258.84	258.65	258.69	258.75	258.62	258.70 -	258.80	259.19	259.54	29
30	258.77		258.59 -	258.83	258.64	258.69	258.77	258.62	258.71	258.80	259.29 +	259.52	30
31	258.77		258.59 -		258.63 -		258.76	258.64		258.80		259.49	31
Monatsmittel	258.86	258.71	258.64 -	258.74	258.71	258.70	258.78	258.64 -	258.74	258.80	258.99	259.42 +	
Maximum	258.96	258.81	258.71 -	258.96	258.82	258.80	258.89	258.75	258.82	258.93	259.29	259.58 +	
Datum	23.01	05.02	04.03	18.04	01.05	15.06	08.07	01.08	03.09	11.10	30.11	24.12	
Amplitude	0.21	0.18	0.13	0.39	0.20	0.19	0.21	0.20	0.15	0.27	0.49	0.38	
Jahr 2012	Mittel	258.81 m ü.M.		Maximum	259.58 (24.Dez)		Minimum	258.56 (24.Aug)		Amplitude	1.02 m		



Periode	2001 - 2012												
Monatsmittel	258.85	258.74 -	258.76	258.81	258.78	258.79	258.76	258.81	258.79	258.76	258.74 -	258.91 +	
Maximum	259.18	258.93 -	259.12	259.24	259.14	259.02	258.94	259.64 +	259.25	259.36	259.29	259.58	
Jahr	2010	2007	2007	2008	2008	2007	2007	2007	2007	2006	2012	2012	
Minimum	258.57	258.55	258.41 -	258.53	258.60	258.61 +	258.54	258.56	258.59	258.59	258.43	258.43	
Jahr	2008	2008	2011	2011	2011	2012	2011	2012	2011	2009	2011	2011	
Amplitude	0.34	0.22	0.33	0.44	0.40	0.25	0.21 -	0.84 +	0.52	0.51	0.49	0.47	
Jahr	2010	2011	2009	2008	2010	2007	2006	2007	2007	2006	2012	2011	
Periode	Mittel	258.79 m ü.M.		Maximum	259.64 (10.Aug 2007)		Minimum	258.41 (22.Mrz 2011)		Amplitude	1.23 m		

Darstellung der letzten 12 Jahre

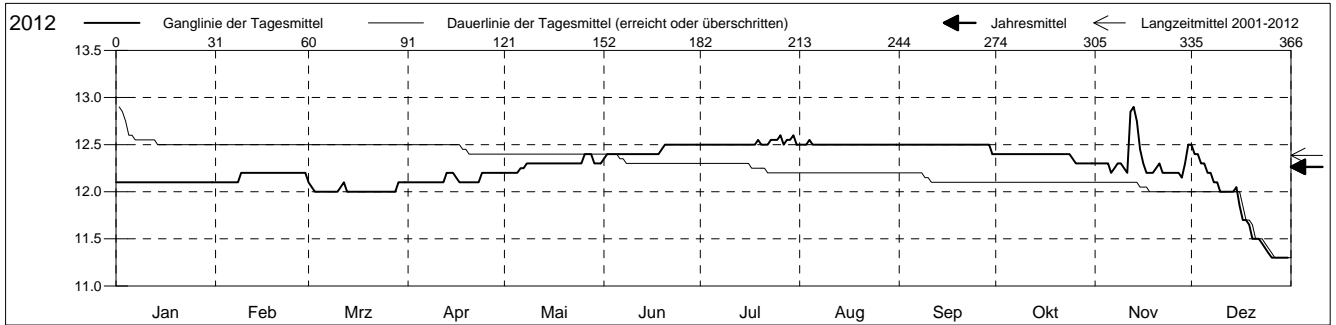


**Grundwassertemperatur**

Birstal  
 Münchenstein 20.J.96 G80-Karussell  
 Abstichpunkt: 262.92 m ü.M.  
 OK Terrain: 263.14 m ü.M.

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

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.1 +	12.1 -	12.1 +	12.1 -	12.2 -	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.5 +	1
2	12.1 +	12.1 -	12.1 +	12.1 -	12.2 -	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.4	2
3	12.1 +	12.1 -	12.0 -	12.1 -	12.2 -	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.4	3
4	12.1 +	12.1 -	12.0 -	12.1 -	12.2 -	12.4 -	12.5 -	12.6 +	12.5 +	12.4 +	12.3	12.3	4
5	12.1 +	12.1 -	12.0 -	12.1 -	12.2 -	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.3	5
Tagesmittel													
6	12.1 +	12.1 -	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.2	12.2	6
7	12.1 +	12.1 -	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.2	7
8	12.1 +	12.1 -	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.1	8
9	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.1	9
10	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	12.0	10
11	12.1 +	12.2 +	12.1 +	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.2	12.0	11
12	12.1 +	12.2 +	12.1 +	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.9 +	12.0	12
13	12.1 +	12.2 +	12.0 -	12.2 +	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.9 +	12.0	13
14	12.1 +	12.2 +	12.0 -	12.2 +	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.8	12.0	14
15	12.1 +	12.2 +	12.0 -	12.2 +	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.4	12.1	15
Max. +													
16	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.3	11.9	16
17	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.2	11.7	17
18	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.4 -	12.5 -	12.5 -	12.5 +	12.4 +	12.2	11.7	18
19	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.4 -	12.6 +	12.5 -	12.5 +	12.4 +	12.2	11.6	19
20	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.5 +	12.5 -	12.5 -	12.5 +	12.4 +	12.3	11.5	20
Min. -													
21	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.5 +	12.5 -	12.5 -	12.5 +	12.4 +	12.3	11.5	21
22	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.5 +	12.5 -	12.5 -	12.5 +	12.4 +	12.2	11.5	22
23	12.1 +	12.2 +	12.0 -	12.1 -	12.3	12.5 +	12.6 +	12.5 -	12.5 +	12.4 +	12.2	11.4	23
24	12.1 +	12.2 +	12.0 -	12.2 +	12.3	12.5 +	12.6 +	12.5 -	12.5 +	12.4 +	12.2	11.4	24
25	12.1 +	12.2 +	12.0 -	12.2 +	12.3	12.5 +	12.6 +	12.5 -	12.5 +	12.4 +	12.2	11.4	25
26	12.1 +	12.2 +	12.0 -	12.2 +	12.4 +	12.5 +	12.6 +	12.5 -	12.5 +	12.3 -	12.2	11.3 -	26
27	12.1 +	12.2 +	12.0 -	12.2 +	12.4 +	12.5 +	12.5 -	12.5 -	12.5 +	12.3 -	12.2	11.3 -	27
28	12.1 +	12.2 +	12.0 -	12.2 +	12.4 +	12.5 +	12.6 +	12.5 -	12.5 +	12.3 -	12.1 -	11.3 -	28
29	12.1 +	12.2 +	12.1 +	12.2 +	12.3	12.5 +	12.6 +	12.5 -	12.5 +	12.3 -	12.3	11.3 -	29
30	12.1 +	12.2 +	12.1 +	12.2 +	12.3	12.5 +	12.6 +	12.5 -	12.4 -	12.3 -	12.5	11.3 -	30
31	12.1 +		12.1 +		12.3		12.5 -	12.5 -		12.3 -		11.3 -	31
Monatsmittel	12.1	12.2	12.0	12.1	12.3	12.4	12.5 +	12.5 +	12.5 +	12.4	12.3	11.8 -	
Maximum	12.1 -	12.2	12.1 -	12.2	12.4	12.5	12.6	12.6	12.5	12.4	12.9 +	12.5	
Datum	01.01	09.02	01.03	13.04	26.05	19.06	19.07	04.08	01.09	01.10	12.11	01.12	
Minimum	12.1	12.1	12.0	12.1	12.2	12.3	12.5 +	12.5 +	12.4	12.3	12.1	11.3 -	
Datum	01.01	01.02	02.03	01.04	01.05	01.06	01.07	01.08	30.09	25.10	28.11	25.12	
Amplitude	0.0 +	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.8	1.2	
Jahr 2012	Mittel	12.3 °C		Maximum	12.9 (12.Nov)		Minimum	11.3 (25.Dez)		Amplitude	1.6 °C		



Periode	2001 - 2012												
Monatsmittel	11.9	11.7 -	11.7 -	11.9	12.2	12.5	12.8	13.0 +	12.9	12.8	12.6	12.2	
Maximum	12.7	12.2 -	12.4	12.4	12.7	13.4	13.7	14.5	14.6 +	14.6 +	13.8	13.2	
Jahr	2007	2012	2007	2008	2006	2007	2007	2007	2006	2006	2006	2006	
Minimum	11.3	11.1	11.0 -	11.1	11.4	12.2	12.3 +	12.3 +	12.2	12.1	12.0	11.3	
Jahr	2009	2009	2009	2008	2006	2008	2011	2009	2009	2009	2009	2012	
Amplitude	0.6	0.4 -	1.2	1.3	1.3	0.7	0.6	1.6 +	1.5	1.4	0.8	1.2	
Jahr	2007	2007	2007	2008	2006	2007	2006	2007	2006	2006	2012	2012	
Periode	Mittel	12.4 °C		Maximum	14.6 (28.Sep 2006)		Minimum	11.0 (05.Mrz 2009)		Amplitude	3.6 °C		

Darstellung der letzten 12 Jahre

