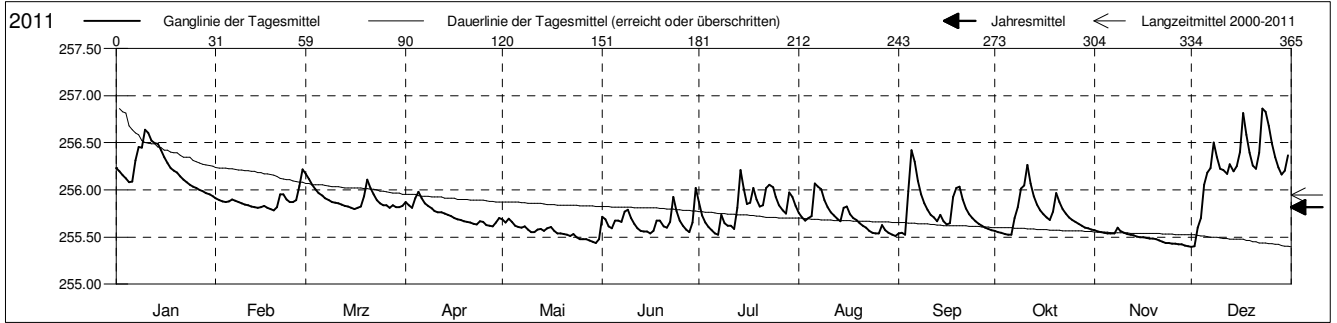


**Grundwasserstände**

Birstal  
 Muttentz 21.R.64 Unterwart  
 Abstichpunkt: 278.18 m ü.M.  
 OK Terrain: 277.60 m ü.M.

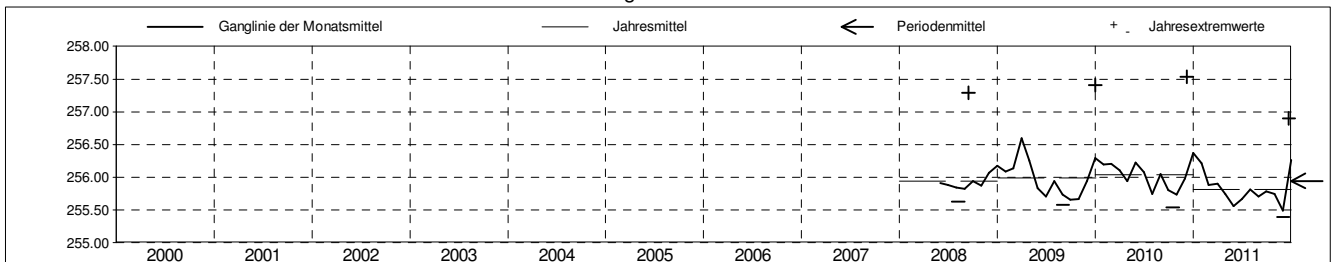
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 613891.19 / 264377.31

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	256.23	255.91	256.17 +	255.87	255.68	255.71	255.87	255.76	255.54	255.56	255.57	255.40 -	1
2	256.20	255.89	256.12	255.84	255.65	255.69	255.73	255.70	255.55	255.55	255.56	255.40 -	2
3	256.16	255.88	256.06	255.81	255.69 +	255.61	255.65	255.67	255.52 -	255.55	255.55	255.60	3
4	256.12	255.87	256.01	255.91	255.66	255.59	255.61	255.70	255.98	255.53	255.55	255.70	4
5	256.08	255.88	255.97	255.98 +	255.62	255.67	255.57	255.72	256.42 +	255.52 -	255.54	256.05	5
Tagesmittel													
6	256.09	255.90	255.94	255.91	255.60	255.67	255.54	256.07 +	256.30	255.52 -	255.54	256.19	6
7	256.31	255.89	255.91	255.86	255.60	255.66	255.53 -	256.04	256.09	255.70	255.53	256.23	7
8	256.45	255.87	255.89	255.83	255.61	255.77	255.74	256.01	255.95	255.82	255.60 +	256.50	8
9	256.45	255.86	255.87	255.80	255.58	255.79	255.65	255.89	255.86	256.01	255.57	256.34	9
10	256.64 +	255.85	255.86	255.78	255.55	255.70	255.62	255.82	255.79	256.05	255.54	256.22	10
11	256.60	255.83	255.85	255.76	255.55	255.64	255.62	255.76	255.73	256.27 +	255.53	256.21	11
12	256.52	255.82	255.84	255.76	255.58	255.59	255.58	255.72	255.71	256.07	255.52	256.17	12
13	256.49	255.82	255.83	255.75	255.58	255.57	255.81	255.69	255.67	255.93	255.51	256.27	13
14	256.49	255.81	255.82	255.73	255.56	255.56	256.21 +	255.67	255.73	255.84	255.51	256.20	14
Max. +	256.42	255.82	255.81	255.72	255.59	255.56	256.01	255.81	255.67	255.78	255.50	256.25	15
16	256.35	255.83	255.80 -	255.70	255.61	255.54 -	255.85	255.83	255.63	255.74	255.50	256.40	16
17	256.29	255.81	255.81	255.69	255.56	255.56	255.86	255.74	255.64	255.71	255.49	256.81	17
18	256.23	255.80	255.82	255.68	255.54	255.68	256.02	255.70	255.92	255.68	255.48	256.59	18
19	256.20	255.78 -	255.93	255.67	255.54	255.67	255.90	255.68	256.02	255.77	255.48	256.39	19
Min. -	256.18	255.82	256.11	255.66	255.53	255.61	255.82	255.64	256.04	255.97	255.48	256.26	20
21	256.14	255.95	256.02	255.65	255.53	255.60	255.84	255.62	255.90	255.87	255.46	256.22	21
22	256.11	255.95	255.95	255.64	255.51	255.66	256.02	255.60	255.80	255.79	255.45	256.39	22
23	256.08	255.90	255.89	255.64	255.53	255.93	256.05	255.56	255.74	255.75	255.44	256.87 +	23
24	256.05	255.87	255.86	255.67	255.50	255.78	256.03	255.55	255.70	255.71	255.43	256.83	24
25	256.03	255.87	255.83	255.66	255.48	255.67	255.92	255.53	255.67	255.68	255.43	256.68	25
26	256.02	255.89	255.84	255.63	255.48	255.62	255.84	255.54	255.64	255.66	255.43	256.49	26
27	256.00	256.04	255.81	255.62	255.47	255.58	255.78	255.62	255.62	255.64	255.42	256.34	27
28	255.98	256.22 +	255.84	255.61 -	255.47	255.55	255.75	255.57	255.60	255.62	255.42	256.24	28
29	255.97		255.82	255.66	255.45	255.66	255.98	255.54	255.59	255.60	255.41 -	256.16	29
30	255.95		255.81	255.70	255.44 -	256.02 +	255.93	255.52	255.58	255.59	255.41 -	256.20	30
31	255.93 -		255.83		255.48	255.83	255.51 -	255.83	255.58	255.58		256.37	31
Monatsmittel	256.22	255.88	255.90	255.74	255.56	255.66	255.81	255.70	255.79	255.74	255.49 -	256.26 +	
Maximum	256.67	256.23	256.20	256.02	255.71	256.06	256.27	256.11	256.49	256.36	255.61 -	256.90 +	
Datum	10.01	28.02	01.03	04.04	01.05	30.06	14.07	06.08	05.09	11.10	08.11	23.12	
Amplitude	0.75	0.45	0.41	0.42	0.31	0.55	0.75	0.61	1.00	0.85	0.22	1.51	
Jahr 2011	Mittel	255.81 m ü.M.		Maximum	256.90 (23.Dez)		Minimum	255.39 (01.Dez)		Amplitude		1.51 m	



Periode	2000 - 2011												
Monatsmittel	256.17	256.07	256.20	255.98	255.88	255.83	255.83	255.83	255.80	255.75 -	255.87	256.27 +	
Maximum	257.41	256.82	256.92	256.69	257.02	256.64	256.63 -	257.18	257.29	256.72	256.85	257.54 +	
Jahr	2010	2010	2009	2009	2010	2010	2009	2010	2008	2008	2010	2010	
Minimum	255.81 +	255.77	255.79	255.60	255.41	255.52	255.51	255.50	255.50	255.51	255.40	255.39 -	
Jahr	2009	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	
Amplitude	1.51	0.97	0.72 -	0.78	1.29	0.79	1.03	1.55	1.66	1.09	1.24	1.73 +	
Jahr	2010	2010	2010	2009	2010	2010	2009	2010	2008	2008	2010	2010	
Periode	Mittel	255.94 m ü.M.		Maximum	257.54 (07.Dez 2010)		Minimum	255.39 (01.Dez 2011)		Amplitude		2.15 m	

Darstellung der letzten 12 Jahre

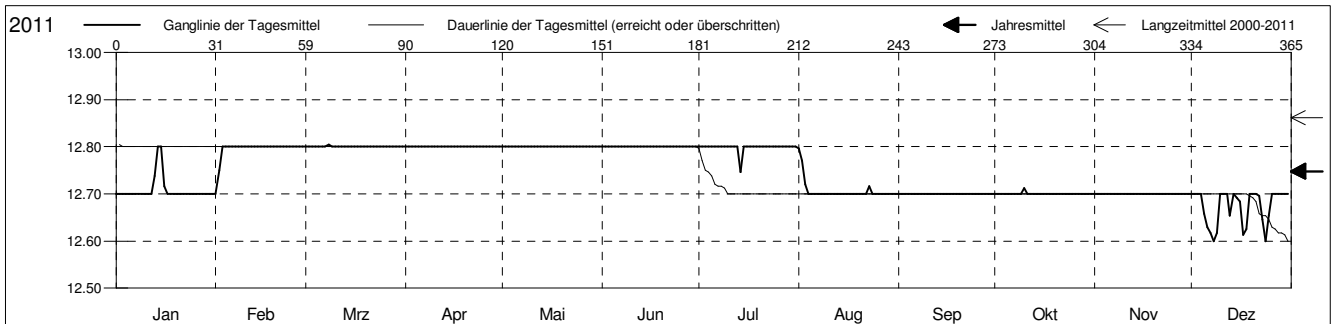


**Grundwassertemperatur**

Birstal  
 MuttENZ 21.R.64 Unterwart  
 Abstichpunkt: 278.18 m ü.M.  
 OK Terrain: 277.60 m ü.M.

**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 613891.19 / 264377.31

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.7 -	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 +	12.7 +	12.7 +	12.7 +	1
2	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 +	12.7 +	12.7 +	12.7 +	2
3	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	3
4	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	4
5	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	5
Tagesmittel													
6	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	6
7	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	7
8	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	8
9	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	9
10	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	10
11	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	11
12	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	12
13	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	13
14	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	14
15	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	15
Max. +													
16	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	16
17	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	17
18	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	18
19	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	19
20	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	20
Min. -													
21	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	21
22	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	22
23	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	23
24	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.6 -	24
25	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	25
26	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	26
27	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	27
28	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	28
29	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	29
30	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	30
31	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 +	12.7 +	12.7 +	12.7 +	31
Monatsmittel	12.7 -	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.8 +	12.7 -	12.7 -	12.7 -	12.7 -	12.7 -	
Maximum	12.8	12.8	12.9	12.8	12.8	12.8	12.8	13.1 +	12.7 -	13.0	12.7 -	12.7 -	
Datum	13.01	02.02	08.03	01.04	01.05	01.06	01.07	23.08	01.09	10.10	01.11	01.12	
Minimum	12.7	12.7	12.8 +	12.8 +	12.8 +	12.8 +	12.7	12.7	12.7	12.7	12.7	12.6 -	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	14.07	01.08	01.09	01.10	01.11	05.12	
Amplitude	0.1	0.1	0.1	0.0 +	0.0 +	0.0 +	0.1	0.4	0.0 +	0.3	0.0 +	0.1	
Jahr 2011	Mittel	12.7 °C		Maximum	13.1 (23.Aug)			Minimum	12.6 (05.Dez)		Amplitude	0.5 °C	



Periode	2000 - 2011												
Monatsmittel	12.8 -	12.8 -	12.9	12.9	12.9	13.0 +	12.9	12.9	12.8 -	12.8 -	12.8 -	12.8 -	
Maximum	12.9 -	13.0	13.0	13.0	13.1 +	13.1 +	13.1 +	13.1 +	13.0	13.0	12.9 -	12.9 -	
Jahr	2009	2009	2009	2009	2008	2008	2008	2011	2008	2008	2008	2008	
Minimum	12.7	12.7	12.8 +	12.8 +	12.8 +	12.8 +	12.7	12.7	12.7	12.7	12.7	12.6 -	
Jahr	2010	2011	2010	2011	2010	2011	2011	2011	2011	2011	2010	2011	
Amplitude	0.1	0.1	0.1	0.0 -	0.1	0.0 -	0.1	0.4 +	0.0 -	0.3	0.1	0.1	
Jahr	2010	2009	2009	2009	2010	2008	2008	2011	2008	2011	2010	2011	
Periode	Mittel	12.9 °C		Maximum	13.1 (09.Mai 2008)			Minimum	12.6 (05.Dez 2011)		Amplitude	0.5 °C	

Darstellung der letzten 12 Jahre

