

Grundwasserstände



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.J.96

262.92

263.14

G80-Karussell

m ü.M.

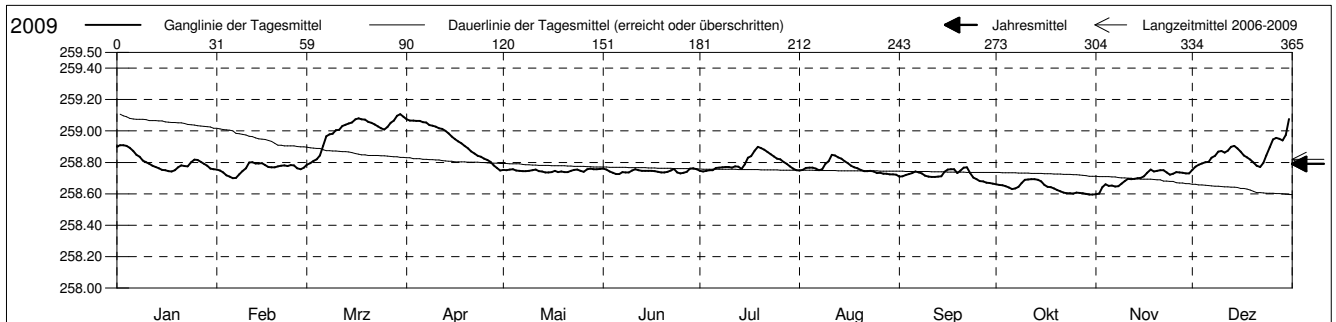
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

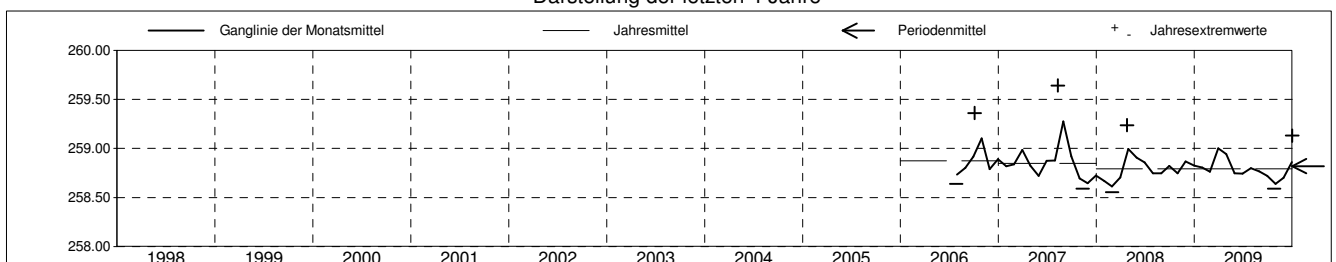
Koordinaten: 613376.19 / 264591.16

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	258.90	258.75	258.78 -	259.08 +	258.75	258.76 +	258.75	258.75	258.71	258.66	258.60 -	258.75 -	1
2	258.91 +	258.75	258.79	259.07	258.75	258.75	258.74 -	258.75	258.71	258.66	258.60 -	258.77	2
3	258.91 +	258.74	258.81	259.07	258.75	258.74	258.75	258.76	258.72	258.65	258.64	258.78	3
4	258.90	258.72	258.82	259.06	258.76 +	258.73 -	258.75	258.77	258.73	258.65	258.66	258.79	4
5	258.89	258.71	258.84	259.07	258.75	258.73 -	258.75	258.77	258.73	258.64	258.65	258.80	5
Tagesmittel													
6	258.87	258.70 -	258.90	259.06	258.75	258.73 -	258.76	258.76	258.74	258.63	258.65	258.80	6
7	258.85	258.70 -	258.97	259.05	258.75	258.74	258.77	258.75	258.74	258.63	258.65	258.83	7
8	258.83	258.72	258.98	259.04	258.74 -	258.74	258.77	258.76	258.73	258.65	258.65	258.84	8
9	258.81	258.74	258.98	259.03	258.75	258.74	258.77	258.79	258.72	258.67	258.66	258.87	9
10	258.80	258.76	259.00	259.03	258.75	258.75	258.77	258.81	258.71	258.69 +	258.68	258.87	10
11	258.79	258.80 +	259.01	259.02	258.75	258.76 +	258.77	258.85 +	258.71	258.69 +	258.69	258.86	11
12	258.78	258.80 +	259.03	259.01	258.74 -	258.75	258.77	258.84	258.71	258.69 +	258.69	258.88	12
13	258.77	258.79	259.04	259.00	258.74 -	258.75	258.77	258.83	258.71	258.69 +	258.70	258.90	13
14	258.76	258.79	259.05	258.99	258.74 -	258.75	258.76	258.82	258.71	258.69 +	258.70	258.90	14
Max. +	258.75	258.79	259.05	258.96	258.74 -	258.75	258.79	258.81	258.74	258.68	258.70	258.89	15
16	258.75	258.78	259.07	258.95	258.74 -	258.75	258.83	258.80	258.75	258.66	258.71	258.87	16
17	258.75	258.77	259.08	258.93	258.75	258.74	258.84	258.78	258.76	258.64	258.73	258.84	17
18	258.74 -	258.77	259.08	258.92	258.74 -	258.74	258.87	258.77	258.76	258.64	258.76 +	258.83	18
19	258.75	258.77	259.07	258.90	258.74 -	258.74	258.90 +	258.76	258.73	258.63	258.74	258.82	19
Min. -	258.77	258.77	259.06	258.89	258.74 -	258.74	258.89	258.75	258.75	258.62	258.75	258.80	20
21	258.78	258.78	259.05	258.87	258.74 -	258.74	258.88	258.74	258.77 +	258.62	258.75	258.78	21
22	258.78	258.78	259.04	258.86	258.75	258.75	258.87	258.74	258.77 +	258.61	258.75	258.77	22
23	258.77	258.78	259.03	258.84	258.75	258.76 +	258.85	258.75	258.73	258.60 -	258.74	258.80	23
24	258.80	258.78	259.02	258.84	258.75	258.74	258.84	258.74	258.70	258.60 -	258.72	258.84	24
25	258.82	258.78	259.01	258.82	258.75	258.73 -	258.82	258.73	258.69	258.60 -	258.73	258.90	25
26	258.82	258.76	259.03	258.82	258.74 -	258.73 -	258.82	258.73	258.68	258.61	258.74	258.95	26
27	258.80	258.76	259.05	258.80	258.76 +	258.74	258.80	258.73	258.68	258.61	258.74	258.96	27
28	258.79	258.77	259.07	258.78	258.76 +	258.76 +	258.79	258.73	258.67	258.60 -	258.73	258.95	28
29	258.78		259.10	258.77	258.76 +	258.76 +	258.77	258.72 -	258.67	258.60 -	258.73	258.94	29
30	258.76		259.11 +	258.75 -	258.76 +	258.76 +	258.76	258.72 -	258.66 -	258.60 -	258.73	258.97	30
31	258.76		259.09		258.76 +		258.75	258.72 -		258.60 -		259.08 +	31
Monatsmittel	258.80	258.76	259.00 +	258.94	258.75	258.74	258.80	258.77	258.72	258.64 -	258.70	258.86	
Maximum	258.92	258.81	259.11	259.08	258.77	258.77	258.91	258.86	258.78	258.70 -	258.76	259.13 +	
Datum	03.01	11.02	29.03	01.04	03.05	22.06	19.07	11.08	22.09	10.10	18.11	31.12	
Amplitude	0.18	0.12	0.33	0.34	0.04	0.05	0.17	0.15	0.12	0.11	0.17	0.39	
Jahr 2009	Mittel	258.79 m ü.M.		Maximum	259.13 (31.Dez)		Minimum	258.59 (25.Okt)		Amplitude		0.54 m	



2006 - 2009													
Monatsmittel	258.76	258.74 -	258.90	258.92 +	258.79	258.83	258.79	258.90	258.84	258.80	258.75	258.82	
Maximum Jahr	258.92 - 2009	258.93 2007	259.12 2007	259.24 2008	259.14 2008	259.02 2007	258.94 2007	259.64 + 2007	259.25 2007	259.36 2006	259.02 2008	259.13 2009	
Minimum Jahr	258.57 2008	258.55 - 2008	258.56 2008	258.67 2007	258.65 2007	258.72 + 2009	258.64 2006	258.69 2006	258.66 2009	258.59 2009	258.59 2007	258.60 2008	
Amplitude Jahr	0.18 - 2009	0.20 2007	0.33 2009	0.44 2008	0.38 2008	0.26 2007	0.21 2006	0.84 + 2007	0.52 2007	0.51 2006	0.26 2008	0.39 2009	
Periode	Mittel	258.82 m ü.M.		Maximum	259.64 (10.Aug 2007)		Minimum	258.55 (29.Feb 2008)		Amplitude		1.09 m	

Darstellung der letzten 4 Jahre



Grundwassertemperatur



Birstal

Münchenstein

Abstichpunkt:

OK Terrain:

20.J.96

262.92

263.14

G80-Karussell

m ü.M.

m ü.M.

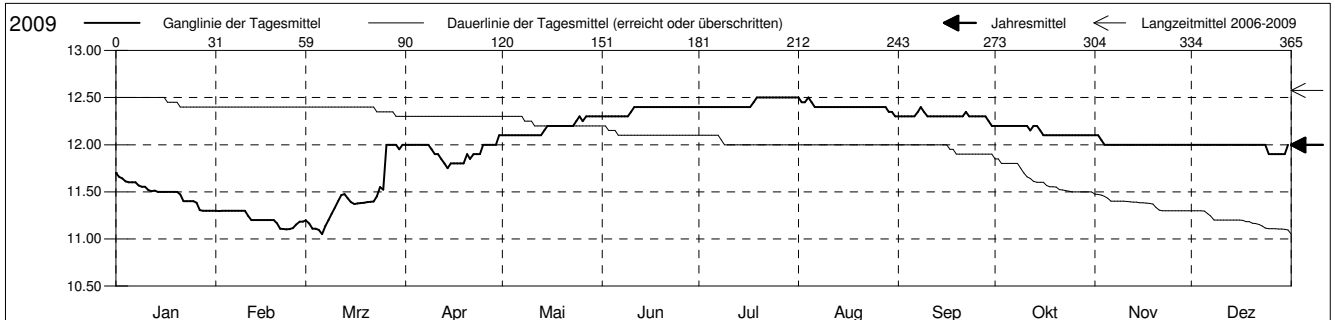
Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 613376.19 / 264591.16

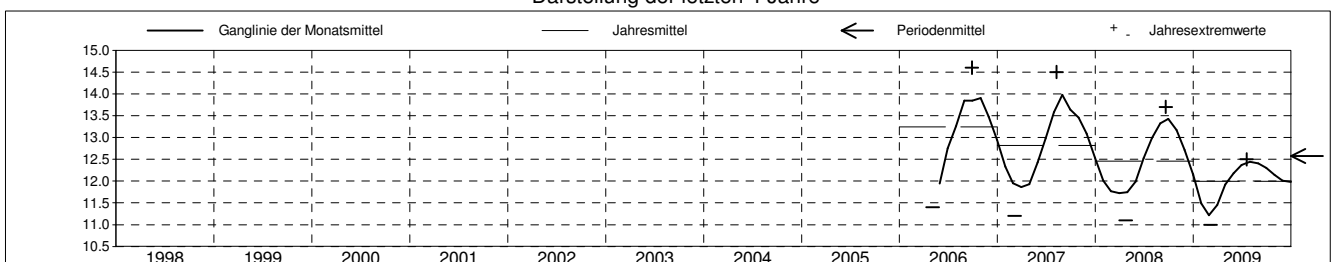
2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.7 +	11.3 +	11.2	12.0	12.1 -	12.3 -	12.4 -	12.5 +	12.3	12.2 +	12.1 +	12.0 +	1
2	11.7 +	11.3 +	11.2	12.0	12.1 -	12.3 -	12.4 -	12.4	12.3	12.2 +	12.1 +	12.0 +	2
3	11.6	11.3 +	11.1 -	12.0	12.1 -	12.3 -	12.4 -	12.4	12.3	12.2 +	12.1 +	12.0 +	3
4	11.6	11.3 +	11.1 -	12.0	12.1 -	12.3 -	12.4 -	12.5 +	12.3	12.2 +	12.0 -	12.0 +	4
5	11.6	11.3 +	11.1 -	12.0	12.1 -	12.3 -	12.4 -	12.4	12.3	12.2 +	12.0 -	12.0 +	5
Tagesmittel													
6	11.6	11.3 +	11.1 -	12.0	12.1 -	12.3 -	12.4 -	12.4	12.3	12.2 +	12.0 -	12.0 +	6
7	11.6	11.3 +	11.1 -	12.0	12.1 -	12.3 -	12.4 -	12.4	12.4 +	12.2 +	12.0 -	12.0 +	7
8	11.6	11.3 +	11.2	12.0	12.1 -	12.3 -	12.4 -	12.4	12.4 +	12.2 +	12.0 -	12.0 +	8
9	11.6	11.3 +	11.3	11.9	12.1 -	12.3 -	12.4 -	12.4	12.4 +	12.2 +	12.0 -	12.0 +	9
10	11.6	11.3 +	11.3	11.9	12.1 -	12.4 +	12.4 -	12.4	12.3	12.2 +	12.0 -	12.0 +	10
11	11.5	11.2	11.4	11.9	12.1 -	12.4 +	12.4 -	12.4	12.3	12.2 +	12.0 -	12.0 +	11
12	11.5	11.2	11.5	11.9	12.1 -	12.4 +	12.4 -	12.4	12.3	12.1 -	12.0 -	12.0 +	12
13	11.5	11.2	11.5	11.8 -	12.1 -	12.4 +	12.4 -	12.4	12.3	12.2 +	12.0 -	12.0 +	13
14	11.5	11.2	11.4	11.8 -	12.1 -	12.4 +	12.4 -	12.4	12.3	12.2 +	12.0 -	12.0 +	14
15	11.5	11.2	11.4	11.8 -	12.2	12.4 +	12.4 -	12.4	12.3	12.1 -	12.0 -	12.0 +	15
Max. +													
16	11.5	11.2	11.4	11.8 -	12.2	12.4 +	12.4 -	12.4	12.3	12.1 -	12.0 -	12.0 +	16
17	11.5	11.2	11.4	11.8 -	12.2	12.4 +	12.4 -	12.4	12.3	12.1 -	12.0 -	12.0 +	17
18	11.5	11.2	11.4	11.8 -	12.2	12.4 +	12.4 -	12.4	12.3	12.1 -	12.0 -	12.0 +	18
19	11.5	11.2	11.4	11.8 -	12.2	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	12.0 +	19
20	11.5	11.2	11.4	11.9	12.2	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	12.0 +	20
Min. -													
21	11.5	11.1 -	11.4	11.9	12.2	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	12.0 +	21
22	11.4	11.1 -	11.4	11.9	12.2	12.4 +	12.5 +	12.4	12.4 +	12.1 -	12.0 -	12.0 +	22
23	11.4	11.1 -	11.5	11.9	12.2	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	12.0 +	23
24	11.4	11.1 -	11.5	11.9	12.3 +	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	12.0 +	24
25	11.4	11.1 -	11.5	12.0	12.3 +	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	11.9 -	25
26	11.4	11.2	12.0 +	12.0	12.3 +	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	11.9 -	26
27	11.3 -	11.2	12.0 +	12.0	12.3 +	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	11.9 -	27
28	11.3 -	11.2	12.0 +	12.0	12.3 +	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	11.9 -	28
29	11.3 -		12.0 +	12.0	12.3 +	12.4 +	12.5 +	12.4	12.3	12.1 -	12.0 -	11.9 -	29
30	11.3 -		11.9	12.1 +	12.3 +	12.4 +	12.5 +	12.4	12.2 -	12.1 -	12.0 -	11.9 -	30
31	11.3 -		12.0 +		12.3 +		12.5 +	12.3 -		12.1 -		12.0 +	31
Monatsmittel	11.5	11.2 -	11.5	11.9	12.2	12.4 +	12.4 +	12.4 +	12.3	12.1	12.0	12.0	
Maximum	11.7	11.3 -	12.0	12.1	12.3	12.4	12.5 +	12.5 +	12.4	12.2	12.1	12.0	
Datum	01.01	01.02	26.03	30.04	24.05	10.06	18.07	01.08	07.09	01.10	01.11	01.12	
Minimum	11.3	11.1	11.0 -	11.7	12.1	12.3	12.4 +	12.3	12.2	12.1	12.0	11.9	
Datum	26.01	20.02	05.03	14.04	01.05	01.06	01.07	29.08	29.09	12.10	03.11	25.12	
Amplitude	0.4	0.2	1.0	0.4	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	

Jahr 2009 Mittel 12.0 °C Maximum 12.5 (18.Jul) Minimum 11.0 (05.Mrz) Amplitude 1.5 °C



Periode	2006 - 2009											
Monatsmittel	11.9	11.6 -	11.7	11.9	12.1	12.7	13.1	13.4 +	13.3	13.2	12.8	12.4
Maximum	12.7	12.1 -	12.4	12.4	12.7	13.4	13.7	14.5	14.6 +	14.6 +	13.8	13.2
Jahr	2007	2007	2007	2008	2006	2007	2007	2007	2006	2006	2006	2006
Minimum	11.3	11.1	11.0 -	11.1	11.4	12.2	12.4 +	12.3	12.2	12.1	12.0	11.7
Jahr	2009	2009	2009	2008	2006	2008	2009	2009	2009	2009	2009	2008
Amplitude	0.6	0.4 -	1.2	1.3	1.3	0.7	0.6	1.6 +	1.5	1.4	0.6	0.8
Jahr	2007	2007	2007	2008	2006	2007	2006	2007	2006	2006	2006	2008
Periode	Mittel	12.6 °C	Maximum	14.6 (28.Sep 2006)	Minimum	11.0 (05.Mrz 2009)	Amplitude	3.6 °C				

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Birstal

Station 20.J.96

Münchenstein

G80 - Karussell

OPM 227343

Koordinaten: 613'376.19 / 264'591.16

Messwerte: Grundwasserspiegel
Temperatur

OK. Abstich

262.92 m ü.M.

OK. Terrain = Schachtdeckel

263.14 m ü.M.

