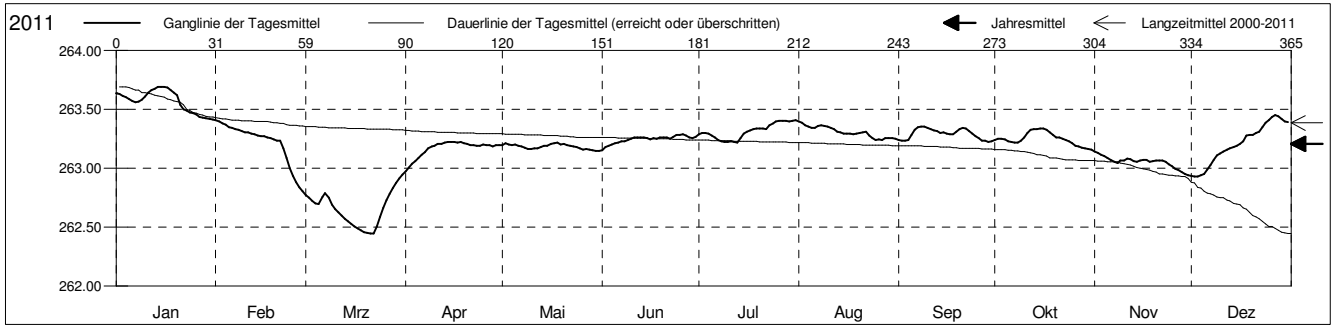


Grundwasserstände

Birstal
 Münchenstein 20.J.116 Platanenweg
 Abstichpunkt: 271.57 m ü.M.
 OK Terrain: 271.78 m ü.M.

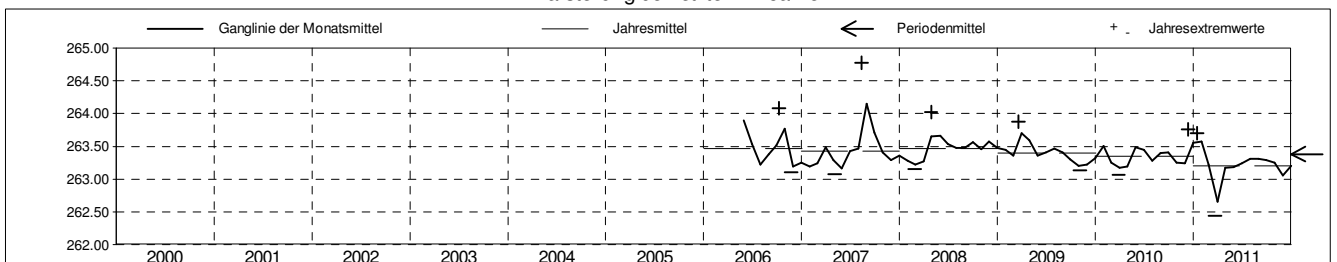
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613543.19 / 263683.72

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	263.63	263.41 +	262.77	262.98 -	263.20	263.15 -	263.29	263.40 +	263.24	263.24	263.14 +	262.94	1
2	263.63	263.40	262.75	263.01	263.21	263.18	263.30	263.39	263.24	263.25	263.13	262.93 -	2
3	263.62	263.38	262.72	263.04	263.20	263.19	263.30	263.37	263.23 -	263.25	263.12	262.93 -	3
4	263.60	263.37	262.70	263.06	263.20	263.20	263.29	263.35	263.24	263.25	263.10	262.94	4
5	263.59	263.35	262.70	263.09	263.20	263.21	263.28	263.34	263.28	263.23	263.09	262.95	5
Tagesmittel													
6	263.57	263.34	262.76	263.12	263.19	263.22	263.26	263.34	263.33	263.22	263.07	262.99	6
7	263.56	263.33	262.79	263.14	263.18	263.23	263.24	263.36	263.35	263.22	263.05	263.03	7
8	263.56	263.33	262.75	263.17	263.17	263.23	263.23	263.36	263.35	263.22	263.05	263.07	8
9	263.58	263.32	262.69	263.19	263.17	263.24	263.23	263.36	263.36 +	263.23	263.06	263.11	9
10	263.61	263.30	262.65	263.19	263.16	263.25	263.22 -	263.35	263.34	263.26	263.07	263.13	10
11	263.64	263.30	262.62	263.21	263.17	263.26	263.23	263.34	263.33	263.30	263.08	263.14	11
12	263.66	263.29	262.60	263.21	263.17	263.26	263.23	263.33	263.32	263.33	263.08	263.16	12
13	263.67	263.29	262.57	263.22 +	263.18	263.26	263.22 -	263.31	263.31	263.33	263.06	263.17	13
14	263.69 +	263.28	262.55	263.22 +	263.19	263.26	263.25	263.30	263.30	263.33	263.06	263.18	14
Max. +	263.69 +	263.27	262.53	263.22 +	263.19	263.26	263.29	263.29	263.31	263.34 +	263.07	263.19	15
16	263.69 +	263.27	262.51	263.22 +	263.21	263.25	263.31	263.29	263.30	263.34 +	263.07	263.21	16
17	263.69 +	263.26	262.49	263.22 +	263.21	263.25	263.32	263.30	263.29	263.33	263.07	263.23	17
18	263.67	263.25	262.47	263.22 +	263.22 +	263.25	263.33	263.29	263.29	263.31	263.05	263.28	18
19	263.64	263.24	262.46	263.21	263.20	263.26	263.34	263.29	263.31	263.28	263.06	263.28	19
Min. -	263.62	263.23	262.45	263.20	263.21	263.26	263.34	263.30	263.33	263.26	263.06	263.29	20
21	263.54	263.23	262.45	263.20	263.19	263.26	263.34	263.31	263.34	263.26	263.07	263.30	21
22	263.50	263.17	262.44 -	263.19	263.19	263.25	263.33	263.31	263.34	263.25	263.06	263.31	22
23	263.49	263.09	262.50	263.19	263.18	263.27	263.37	263.28	263.32	263.24	263.06	263.35	23
24	263.47	263.00	262.59	263.19	263.18	263.28	263.38	263.25	263.30	263.23	263.03	263.39	24
25	263.47	262.94	262.66	263.20	263.17	263.28	263.40	263.24 -	263.27	263.21	263.02	263.41	25
26	263.46	262.88	262.73	263.20	263.16	263.29 +	263.40	263.24 -	263.25	263.19	263.00	263.44	26
27	263.44	262.84	262.78	263.19	263.16	263.28	263.40	263.24 -	263.24	263.19	262.98	263.45 +	27
28	263.43	262.80 -	262.83	263.19	263.16	263.26	263.40	263.25	263.23 -	263.18	262.97	263.44	28
29	263.42 -		262.88	263.20	263.15	263.25	263.40	263.25	263.23 -	263.17	262.95	263.42	29
30	263.42 -		262.91	263.20	263.14 -	263.27	263.41 +	263.26	263.23 -	263.17	262.94 -	263.40	30
31	263.42 -		262.95 +		263.15		263.41 +	263.25		263.16 -		263.39	31
Monatsmittel	263.57 +	263.22	262.65 -	263.17	263.18	263.25	263.31	263.31	263.29	263.25	263.05	263.21	
Maximum	263.70 +	263.41	262.96 -	263.23	263.23	263.29	263.42	263.41	263.36	263.34	263.15	263.45	
Datum	15.01	01.02	31.03	16.04	18.05	26.06	31.07	01.08	09.09	15.10	01.11	27.12	
Amplitude	0.29	0.62	0.52	0.27	0.09	0.16	0.21	0.18	0.14	0.19	0.21	0.53	
Jahr 2011	Mittel	263.21 m ü.M.		Maximum	263.70 (15.Jan)			Minimum	262.44 (22.Mrz)			Amplitude	1.26 m



Periode	2000 - 2011												
Monatsmittel	263.40	263.26 -	263.26 -	263.38	263.46	263.43	263.37	263.52 +	263.47	263.39	263.26 -	263.36	
Maximum	263.73	263.42 -	263.88	264.02	264.07	263.76	263.56	264.78 +	264.13	264.08	263.76	263.76	
Jahr	2010	2009	2009	2008	2006	2006	2009	2007	2007	2006	2008	2010	
Minimum	263.11	262.79	262.44 -	262.96	263.08	263.14	263.14	263.20	263.22 +	263.14	262.94	262.93	
Jahr	2007	2011	2011	2011	2007	2011	2006	2006	2011	2009	2011	2011	
Amplitude	0.44	0.62	0.52	0.68	0.49	0.41	0.22 -	1.40 +	0.62	0.69	0.32	0.57	
Jahr	2010	2011	2011	2008	2010	2006	2006	2007	2007	2006	2008	2010	
Periode	Mittel	263.38 m ü.M.		Maximum	264.78 (12.Aug 2007)			Minimum	262.44 (22.Mrz 2011)			Amplitude	2.33 m

Darstellung der letzten 12 Jahre



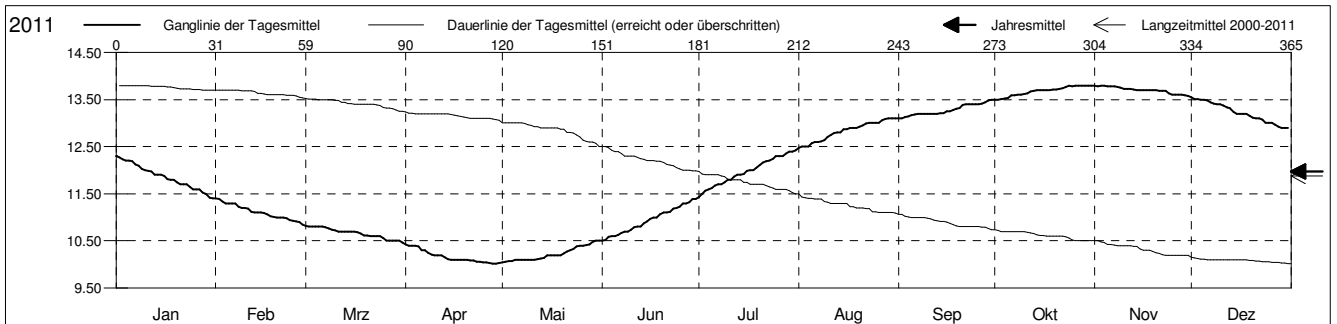
Grundwassertemperatur

Birstal
 Münchenstein 20.J.116 Platanenweg
 Abstichpunkt: 271.57 m ü.M.
 OK Terrain: 271.78 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613543.19 / 263683.72

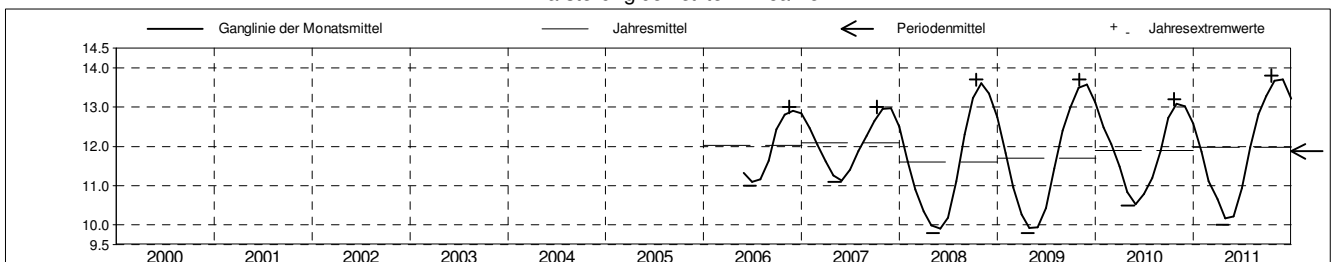
2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.3 +	11.4 +	10.8 +	10.4 +	10.0 -	10.5 -	11.4 -	12.5 -	13.1 -	13.5 -	13.8 +	13.6 +	1
2	12.3 +	11.4 +	10.8 +	10.4 +	10.1	10.5 -	11.5	12.5 -	13.1 -	13.5 -	13.8 +	13.5	2
3	12.2	11.3	10.8 +	10.4 +	10.1	10.6	11.6	12.5 -	13.1 -	13.5 -	13.8 +	13.5	3
4	12.2	11.3	10.8 +	10.4 +	10.1	10.6	11.6	12.5 -	13.1 -	13.5 -	13.8 +	13.5	4
5	12.2	11.3	10.8 +	10.4 +	10.1	10.6	11.6	12.6	13.2	13.5 -	13.8 +	13.5	5
6	12.2	11.3	10.8 +	10.3	10.1	10.6	11.7	12.6	13.2	13.6	13.8 +	13.5	6
7	12.1	11.3	10.8 +	10.3	10.1	10.7	11.7	12.6	13.2	13.6	13.8 +	13.4	7
8	12.1	11.2	10.8 +	10.2	10.1	10.7	11.7	12.6	13.2	13.6	13.8 +	13.4	8
9	12.0	11.2	10.7	10.2	10.1	10.7	11.7	12.6	13.2	13.6	13.8 +	13.4	9
10	12.0	11.2	10.7	10.2	10.1	10.7	11.8	12.7	13.2	13.6	13.7	13.4	10
11	12.0	11.2	10.7	10.2	10.1	10.8	11.8	12.7	13.2	13.6	13.7	13.4	11
12	12.0	11.1	10.7	10.2	10.1	10.8	11.9	12.8	13.2	13.7	13.7	13.3	12
13	11.9	11.1	10.7	10.2	10.1	10.8	11.9	12.8	13.2	13.7	13.7	13.3	13
14	11.9	11.1	10.7	10.1	10.1	10.9	11.9	12.8	13.2	13.7	13.7	13.2	14
15	11.9	11.1	10.7	10.1	10.2	10.9	11.9	12.9	13.2	13.7	13.7	13.2	15
Max. +	11.9	11.1	10.7	10.1	10.2	11.0	12.0	12.9	13.2	13.7	13.7	13.2	16
16	11.9	11.1	10.7	10.1	10.2	11.0	12.0	12.9	13.2	13.7	13.7	13.2	17
17	11.8	11.1	10.7	10.1	10.2	11.0	12.0	12.9	13.2	13.7	13.7	13.2	18
18	11.8	11.0	10.7	10.1	10.2	11.0	12.0	12.9	13.3	13.7	13.7	13.2	19
19	11.8	11.0	10.6	10.1	10.2	11.1	12.1	12.9	13.3	13.7	13.7	13.2	20
Min. -	11.7	11.0	10.6	10.1	10.2	11.1	12.1	12.9	13.3	13.7	13.7	13.1	21
21	11.7	11.0	10.6	10.1	10.3	11.1	12.2	12.9	13.4	13.7	13.7	13.1	22
22	11.7	11.0	10.6	10.1	10.3	11.1	12.2	13.0	13.4	13.7	13.7	13.1	23
23	11.7	11.0	10.6	10.1	10.3	11.2	12.2	13.0	13.4	13.8 +	13.7	13.1	24
24	11.6	10.9	10.6	10.1	10.4	11.2	12.3	13.0	13.4	13.8 +	13.6 -	13.0	25
25	11.6	10.9	10.6	10.0 -	10.4	11.2	12.3	13.0	13.4	13.8 +	13.6 -	13.0	26
26	11.6	10.9	10.5 -	10.0 -	10.4	11.3	12.3	13.0	13.4	13.8 +	13.6 -	13.0	27
27	11.6	10.9	10.5 -	10.0 -	10.4	11.3	12.3	13.1 +	13.4	13.8 +	13.6 -	13.0	28
28	11.5	10.8 -	10.5 -	10.0 -	10.4	11.3	12.4 +	13.1 +	13.4	13.8 +	13.6 -	12.9 -	29
29	11.5	10.8 -	10.5 -	10.0 -	10.5 +	11.4 +	12.4 +	13.1 +	13.5 +	13.8 +	13.6 -	12.9 -	30
30	11.4 -	10.8 -	10.5 -	10.0 -	10.5 +	11.4 +	12.4 +	13.1 +	13.5 +	13.8 +	13.6 -	12.9 -	31
31	11.4 -	10.8 -	10.5 -	10.0 -	10.5 +	11.4 +	12.4 +	13.1 +	13.5 +	13.8 +	13.6 -	12.9 -	31
Monatsmittel	11.9	11.1	10.7	10.2 -	10.2 -	10.9	12.0	12.8	13.3	13.7 +	13.7 +	13.2	
Maximum	12.3	11.4	10.9	10.5 -	10.5 -	11.4	12.5	13.1	13.5	13.8 +	13.8 +	13.6	
Datum	01.01	01.02	01.03	01.04	27.05	28.06	31.07	25.08	27.09	18.10	01.11	01.12	
Minimum	11.4	10.8	10.4	10.0 -	10.0 -	10.5	11.4	12.4	13.1	13.5 +	13.5 +	12.8	
Datum	29.01	28.02	31.03	19.04	01.05	01.06	01.07	01.08	01.09	01.10	29.11	31.12	
Amplitude	0.9	0.6	0.5	0.5	0.5	0.9	1.1	0.7	0.4	0.3	0.3	0.8	

Jahr 2011 Mittel 12.0 °C Maximum 13.8 (18.Okt) Minimum 10.0 (19.Apr) Amplitude 3.8 °C



Periode	2000 - 2011												
Monatsmittel	12.1	11.4	10.9	10.4 -	10.5	10.8	11.5	12.2	12.9	13.3 +	13.3 +	12.8	
Maximum	12.8	12.3	11.9	11.4 -	11.5	11.7	12.5	13.1	13.5	13.8 +	13.8 +	13.6	
Jahr	2010	2007	2007	2007	2006	2007	2011	2011	2008	2011	2011	2011	
Minimum	11.2	10.6	10.0	9.8 -	9.8 -	9.9	10.5	11.3	12.1	12.6	12.8 +	12.0	
Jahr	2008	2008	2009	2009	2008	2008	2008	2006	2006	2006	2006	2007	
Amplitude	1.1	0.7	0.7	0.6	0.5	0.9	1.2 +	1.2 +	0.7	0.4 -	0.5	0.9	
Jahr	2009	2008	2010	2010	2011	2011	2008	2008	2008	2009	2008	2007	
Periode	Mittel	11.9 °C	Maximum	13.8 (18.Okt 2011)	Minimum	9.8 (04.Mai 2008)	Amplitude	4.0 °C					

Darstellung der letzten 12 Jahre

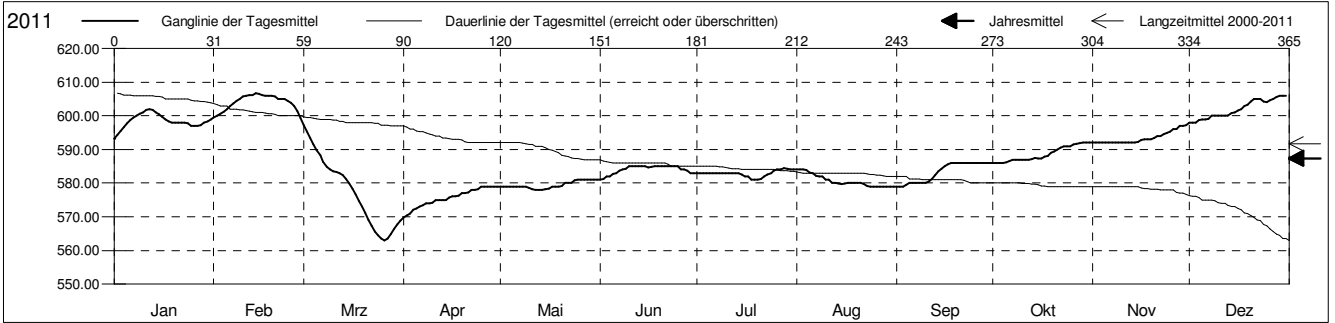


Leitfähigkeit

Birstal
 Münchenstein 20.J.116 Platanenweg
 Abstichpunkt: 271.57 m ü.M.
 OK Terrain: 271.78 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613543.19 / 263683.72

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	593 -	599 -	597 +	570 -	579	581 -	583	584 +	579 -	586 -	592 -	598 -	1
2	594	600	595	570 -	579	581 -	583	584 +	579 -	586 -	592 -	598 -	2
3	596	601	593	571	579	582	583	584 +	579 -	586 -	592 -	598 -	3
4	597	601	592	572	579	582	583	584 +	580	586 -	592 -	599	4
5	598	602	590	572	579	583	583	583	580	586 -	592 -	599	5
6	599	603	588	573	579	583	583	583	580	587	592 -	599	6
7	599	604	586	573	579	584	583	582	580	587	592 -	599	7
8	600	604	585	574	579	584	583	582	580	587	592 -	600	8
9	601	605	584	574	579	584	583	582	580	587	592 -	600	9
10	601	606	583	574	579	585 +	583	581	580	587	592 -	600	10
11	602 +	606	583	575	578 -	585 +	583	581	581	587	592 -	600	11
12	602 +	606	583	575	578 -	585 +	583	580	581	587	592 -	600	12
13	602 +	606	582	575	578 -	585 +	583	580	582	587	592 -	600	13
14	601	607 +	581	575	578 -	585 +	583	580	584	587	592 -	601	14
15	600	606	580	576	578 -	585 +	583	580	584	587	592 -	601	15
16	600	606	578	576	578 -	585 +	582	580	585	587	593	602	16
17	599	606	577	576	579	585 +	582	580	586 +	588	593	602	17
18	598	606	575	576	579	585 +	581 -	580	586 +	588	593	603	18
19	598	606	573	577	579	585 +	581 -	580	586 +	589	593	603	19
20	598	606	571	577	579	585 +	581 -	580	586 +	589	593	604	20
21	598	605	569	577	580	585 +	581 -	580	586 +	590	594	605	21
22	598	605	567	578	580	585 +	582	580	586 +	591	594	605	22
23	598	605	566	578	580	585 +	583	579 -	586 +	591	595	605	23
24	598	604	564	578	581 +	585 +	583	579 -	586 +	591	595	604	24
25	597	604	563 -	579 +	581 +	585 +	584 +	579 -	586 +	591	595	604	25
26	597	603	563 -	579 +	581 +	584	584 +	579 -	586 +	591	596	605	26
27	597	601	564	579 +	581 +	584	584 +	579 -	586 +	592 +	596	605	27
28	597	599 -	565	579 +	581 +	584	584 +	579 -	586 +	592 +	597 +	606 +	28
29	598		566	579 +	581 +	583	584 +	579 -	586 +	592 +	597 +	606 +	29
30	598		568	579 +	581 +	583	584 +	579 -	586 +	592 +	597 +	606 +	30
31	599		569		581 +		584 +	579 -		592 +		606 +	31
Monatsmittel	598	604 +	577	576 -	579	584	583	581	583	589	593	602	
Maximum	602	607 +	598	579 -	581	585	585	584	586	592	598	606	
Datum	11.01	12.02	01.03	24.04	23.05	09.06	27.07	01.08	17.09	26.10	30.11	28.12	
Minimum	593	598 +	563 -	569	578	581	581	579	579	586	592	598 +	
Datum	01.01	28.02	25.03	01.04	09.05	01.06	17.07	14.08	01.09	01.10	01.11	01.12	
Amplitude	9	9	35	10	3	4	4	5	7	6	6	8	
Jahr 2011	Mittel	587	Maximum	607 (12.Feb)	Minimum	563 (25.Mrz)	Amplitude	44					



Periode	2000 - 2011												
Monatsmittel	602	606 +	596	587	589	590	589	586	585 -	587	592	595	
Maximum	625	627 +	626	624	624	620	613 -	614	620	626	627 +	622	
Jahr	2007	2007	2007	2007	2006	2006	2006	2007	2006	2006	2006	2006	
Minimum	574 +	574 +	563	555	556	555	550	549 -	551	558	558	567	
Jahr	2008	2008	2011	2008	2008	2008	2008	2008	2008	2008	2008	2008	
Amplitude	14	9 -	35 +	27	11	9 -	11	26	33	11	11	16	
Jahr	2009	2011	2011	2009	2008	2009	2007	2007	2007	2006	2008	2008	
Periode	Mittel	592	Maximum	627 (08.Nov 2006)	Minimum	549 (18.Aug 2008)	Amplitude	78					

Darstellung der letzten 12 Jahre

