

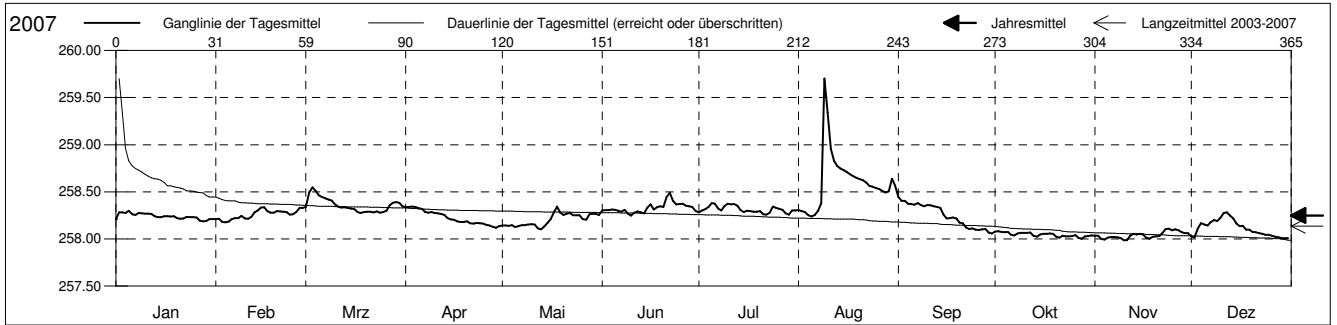
Grundwasserstände



Birstal
 Münchenstein 20.J.90 Grün80
 Abstichpunkt: 261.97 m ü.M.
 OK Terrain: 262.14 m ü.M.

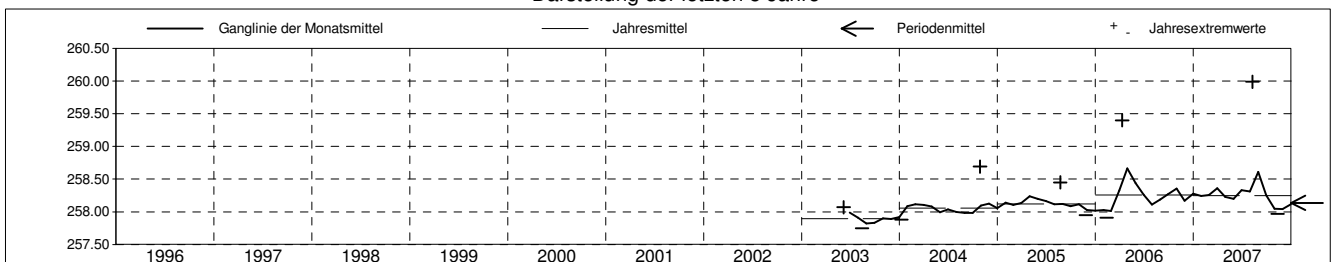
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613667.50 / 264464.31

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	258.21	258.21	258.34	258.34 +	258.14	258.30	258.28	258.30	258.44 +	258.08 +	258.04	258.03	1
2	258.28	258.21	258.50	258.34 +	258.14	258.30	258.30	258.29	258.40	258.08 +	258.04	258.02	2
3	258.28	258.18 -	258.55 +	258.34 +	258.14	258.31	258.31	258.29	258.40	258.07	258.00	258.11	3
4	258.28	258.18 -	258.51	258.34 +	258.15	258.31	258.34	258.25	258.37	258.07	257.99 -	258.17	4
5	258.30 +	258.18 -	258.46	258.33	258.13	258.31	258.38 +	258.24 -	258.37	258.07	258.01	258.15	5
Tagesmittel													
6	258.26	258.21	258.45	258.32	258.13	258.30	258.37	258.25	258.36	258.04	258.02	258.14	6
7	258.25	258.22	258.43	258.29	258.15	258.29	258.32	258.30	258.38	258.04	258.02	258.18	7
8	258.28	258.22	258.42	258.28	258.15	258.31	258.30	258.38	258.36	258.06	258.02	258.20	8
9	258.27	258.25	258.41	258.29	258.15	258.27	258.35	259.70 +	258.35	258.06	258.01	258.19	9
10	258.27	258.22	258.37	258.27	258.16	258.25 -	258.37	259.34	258.36	258.07	257.99 -	258.22	10
11	258.27	258.21	258.34	258.27	258.15	258.28	258.37	258.96	258.36	258.06	257.99 -	258.28 +	11
12	258.26	258.23	258.33	258.26	258.11	258.29	258.37	258.83	258.35	258.07	258.04	258.28 +	12
13	258.24	258.28	258.34	258.25	258.10 -	258.28	258.35	258.77	258.34	258.03	258.05	258.25	13
14	258.23	258.30	258.33	258.22	258.13	258.27	258.31	258.75	258.33	258.03	258.05	258.22	14
Max. +	258.23	258.33	258.32	258.21	258.17	258.33	258.28	258.73	258.26	258.05	258.05	258.16	15
16	258.24	258.34 +	258.32	258.20	258.21	258.37	258.30	258.71	258.22	258.05	258.05	258.14	16
17	258.24	258.29	258.29	258.19	258.28	258.31	258.29	258.69	258.22	258.05	258.01	258.14	17
18	258.24	258.28	258.27 -	258.18	258.34 +	258.34	258.29	258.67	258.23	258.06	258.00	258.10	18
19	258.24	258.28	258.29	258.18	258.28	258.35	258.29	258.65	258.22	258.05	258.02	258.10	19
20	258.22	258.29	258.29	258.19	258.25	258.34	258.29	258.64	258.17	258.02	258.03	258.07	20
Min. -													
21	258.21	258.29	258.29	258.17	258.27	258.45	258.26 -	258.62	258.17	258.01	258.03	258.07	21
22	258.22	258.29	258.28	258.16	258.28	258.49 +	258.26 -	258.60	258.12	258.03	258.07	258.06	22
23	258.23	258.29	258.29	258.17	258.25	258.40	258.28	258.56	258.11	258.03	258.11 +	258.05	23
24	258.23	258.26	258.28	258.16	258.25	258.37	258.34	258.55	258.11	258.03	258.11 +	258.04	24
25	258.23	258.26	258.28	258.16	258.25	258.37	258.33	258.54	258.10	258.03	258.09	258.04	25
26	258.23	258.29	258.30	258.15	258.21	258.37	258.32	258.53	258.09	258.04	258.10	258.03	26
27	258.19 -	258.33	258.36	258.14	258.20	258.35	258.31	258.51	258.10	258.01	258.09	258.02	27
28	258.19 -	258.33	258.39	258.13	258.26	258.35	258.27	258.49	258.10	258.00 -	258.07	258.02	28
29	258.19 -		258.39	258.12 -	258.27	258.34	258.26 -	258.51	258.07	258.03	258.06	258.01 -	29
30	258.21		258.38	258.14	258.27	258.30	258.30	258.64	258.06 -	258.03	258.06	258.01 -	30
31	258.21		258.34		258.26		258.30	258.56		258.04		258.01 -	31
Monatsmittel	258.24	258.26	258.36	258.23	258.20	258.33	258.31	258.61 +	258.25	258.05	258.04 -	258.11	
Maximum	258.31	258.36	258.61	258.36	258.35	258.59	258.39	259.99 +	258.49	258.10 -	258.15	258.30	
Datum	05.01	15.02	03.03	03.04	18.05	21.06	05.07	09.08	01.09	01.10	23.11	11.12	
Amplitude	0.15	0.20	0.36	0.25	0.26	0.36	0.15	1.77	0.45	0.11	0.18	0.30	
Jahr 2007	Mittel	258.25 m ü.M.		Maximum	259.99 (09.Aug)		Minimum	257.97 (11.Nov)		Amplitude	2.02 m		



Periode	2003 - 2007												
Monatsmittel	258.12	258.12	258.23	258.30 +	258.21	258.16	258.09	258.14	258.09	258.10	258.05 -	258.08	
Maximum	258.32	258.36	258.79	259.40	258.60	258.59	258.39	259.99 +	259.02	258.71	258.28 -	258.45	
Jahr	2004	2007	2006	2006	2006	2007	2007	2007	2006	2006	2004	2006	
Minimum	257.88	257.91	257.98 +	257.98 +	257.94	257.90	257.82	257.75 -	257.77	257.78	257.83	257.85	
Jahr	2004	2006	2005	2004	2004	2003	2003	2003	2003	2003	2003	2003	
Amplitude	0.44	0.26	0.75	1.00	0.32	0.36	0.17 -	1.77 +	0.92	0.75	0.26	0.30	
Jahr	2004	2005	2006	2006	2006	2007	2006	2007	2006	2004	2004	2007	
Periode	Mittel	258.14 m ü.M.		Maximum	259.99 (09.Aug 2007)		Minimum	257.75 (14.Aug 2003)		Amplitude	2.24 m		

Darstellung der letzten 5 Jahre



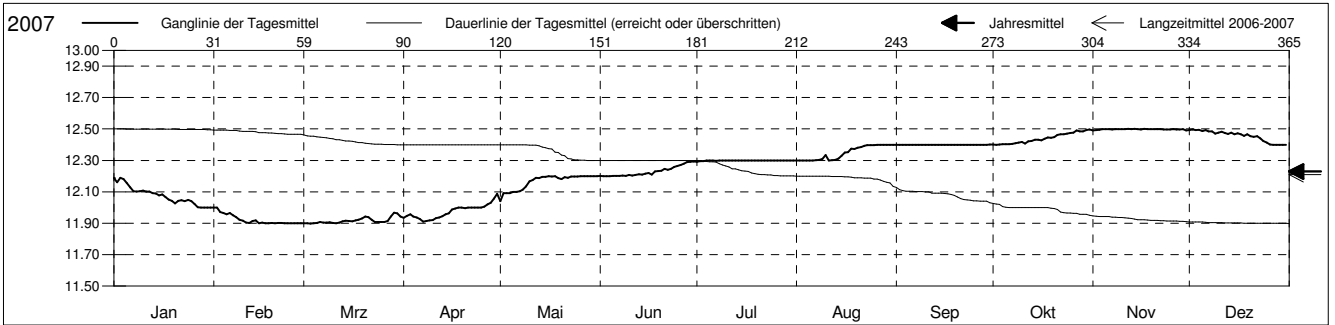
Grundwassertemperatur



Birstal
 Münchenstein 20.J.90 Grün80
 Abstichpunkt: 261.97 m ü.M.
 OK Terrain: 262.14 m ü.M.

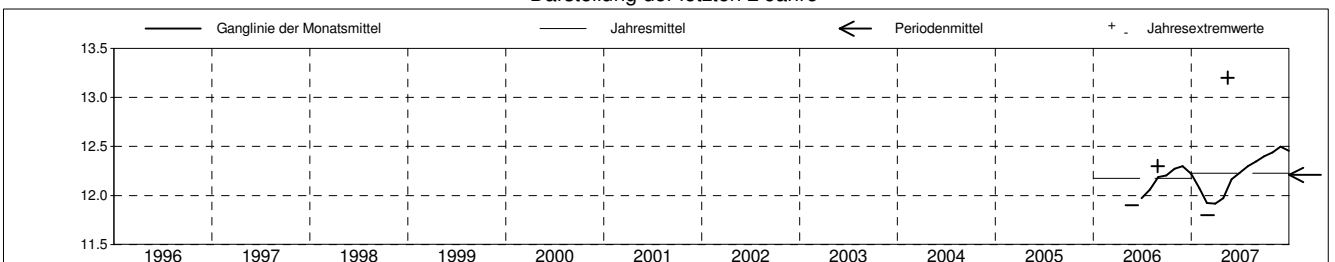
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613667.50 / 264464.31

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.2 +	12.0 +	11.9 -	11.9 -	12.0 -	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	1
2	12.2 +	12.0 +	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	2
3	12.2 +	12.0 +	11.9 -	12.0	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	3
4	12.2 +	12.0 +	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	4
5	12.2 +	12.0 +	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	5
Tagesmittel													
6	12.1	12.0 +	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	6
7	12.1	11.9 -	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	7
8	12.1	11.9 -	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	8
9	12.1	11.9 -	11.9 -	11.9 -	12.1	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	9
10	12.1	11.9 -	11.9 -	11.9 -	12.2 +	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	10
11	12.1	11.9 -	11.9 -	11.9 -	12.2 +	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	11
12	12.1	11.9 -	11.9 -	11.9 -	12.2 +	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	12
13	12.1	11.9 -	11.9 -	11.9 -	12.2 +	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	13
14	12.1	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	14
15	12.1	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.3 -	12.4 +	12.4 -	12.5 +	12.5 +	15
Max. +													
16	12.1	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.4 -	12.5 +	12.5 +	16
17	12.1	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.4 -	12.5 +	12.5 +	17
18	12.1	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.4 -	12.5 +	12.5 +	18
19	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.4 -	12.5 +	12.5 +	19
20	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.4 -	12.5 +	12.5 +	20
Min. -													
21	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	21
22	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.5 +	22
23	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.2 -	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	23
24	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	24
25	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	25
26	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	26
27	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	27
28	12.0 -	11.9 -	11.9 -	12.0	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	28
29	12.0 -		12.0 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	29
30	12.0 -		12.0 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.4 +	12.5 +	12.5 +	12.4 -	30
31	12.0 -		11.9 -		12.2 +		12.3 +	12.4 +		12.5 +		12.4 -	31
Monatsmittel	12.1	11.9 -	11.9 -	12.0	12.2	12.2	12.3	12.3	12.4	12.4	12.5 +	12.5 +	
Maximum	12.2	12.0 -	12.0 -	12.1	13.2 +	12.3	12.3	12.4	12.5	12.5	12.5	12.5	
Datum	01.01	01.02	05.03	26.04	16.05	01.06	01.07	07.08	30.09	01.10	01.11	01.12	
Minimum	11.9	11.9	11.8 -	11.9	11.9	11.9	11.9	12.1	12.2 +	12.2 +	12.2 +	12.1	
Datum	29.01	02.02	02.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.3	0.1	0.2	0.2	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Jahr 2007	Mittel	12.2 °C		Maximum	13.2 (16.Mai)		Minimum	11.8 (02.Mrz)		Amplitude	1.4 °C		



Periode	2006 - 2007												
Monatsmittel	12.1	11.9 -	11.9 -	12.0	12.2	12.1	12.2	12.3	12.3	12.4 +	12.4 +	12.3	
Maximum	12.2	12.0 -	12.0 -	12.1	13.2 +	12.3	12.3	12.4	12.5	12.5	12.5	12.5	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	
Minimum	11.9	11.9	11.8 -	11.9	11.9	11.9	11.9	12.1	12.2 +	12.2 +	12.2 +	12.1	
Jahr	2007	2007	2007	2007	2006	2006	2006	2006	2006	2006	2006	2006	
Amplitude	0.3	0.1 -	0.2	0.2	1.2 +	0.2	0.3	0.2	0.1 -	0.1 -	0.1 -	0.2	
Jahr	2007	2007	2007	2007	2007	2006	2006	2006	2006	2006	2006	2006	
Periode	Mittel	12.2 °C		Maximum	13.2 (16.Mai 2007)		Minimum	11.8 (02.Mrz 2007)		Amplitude	1.4 °C		

Darstellung der letzten 2 Jahre



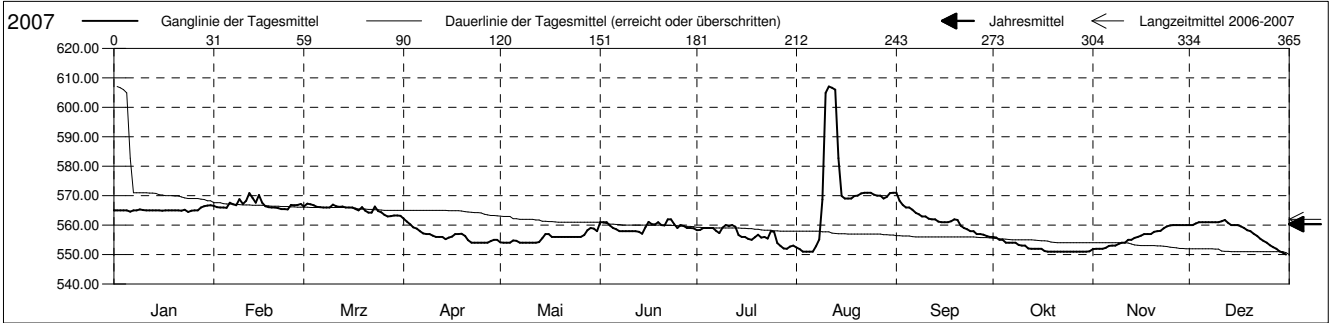
Leitfähigkeit



Birstal
 Münchenstein 20.J.90 Grün80
 Abstichpunkt: 261.97 m ü.M.
 OK Terrain: 262.14 m ü.M.

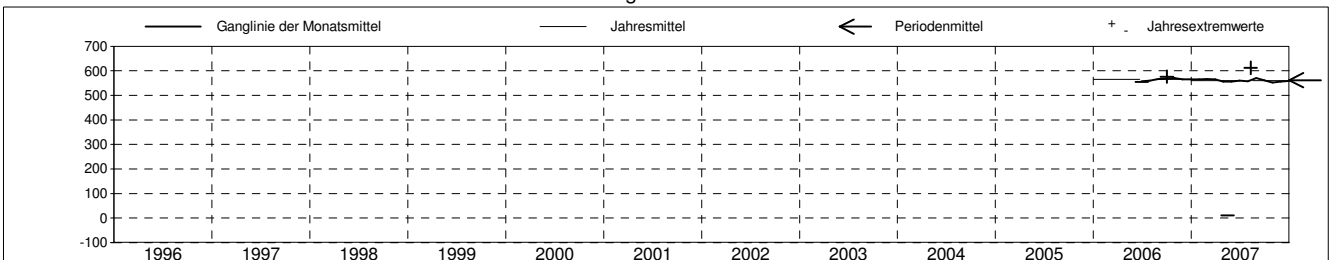
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 613667.50 / 264464.31

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	565	567	566	562 +	554 -	561	558	552	571 +	556 +	552 -	560	1
2	565	566	567 +	561	554 -	561	558	552	568	556 +	552 -	560	2
3	565	566	567 +	560	554 -	561	559	551 -	567	555	552 -	561	3
4	565	566	567 +	559	554 -	560	559	551 -	566	555	552 -	561	4
5	565	566	566	559	555	559	559	551 -	566	554	552 -	561	5
Tagesmittel													
6	565	568	566	558	555	559	559	551 -	565	554	553	561	6
7	565	567	566	557	554 -	558	558	553	564	554	553	561	7
8	565	567	566	557	554 -	558	557	555	564	554	553	561	8
9	565	569	566	557	554 -	558	559	569	563	553	554	561	9
10	565	567	567 +	556	554 -	558	560 +	605	563	553	554	561	10
11	565	568	566	556	554 -	558	560 +	607 +	562	553	554	561	11
12	565	571 +	566	556	554 -	558	560 +	607 +	562	552	555	562 +	12
13	565	569	566	556	554 -	558	559	606	562	552	555	561	13
14	565	568	566	555	556	557 -	557	583	561	552	556	560	14
15	565	570	566	556	557	559	556	570	561	552	556	560	15
Max. +													
16	565	568	566	556	557	561	556	569	561	552	556	560	16
17	565	566	566	557	556	560	555	569	561	551 -	557	560	17
18	565	566	565	557	556	560	555	569	561	551 -	557	559	18
19	565	566	566	557	556	561	556	570	562	551 -	557	558	19
20	565	566	565	556	556	560	557	570	562	551 -	558	558	20
Min. -													
21	565	566	564	555	556	560	556	571	560	551 -	558	557	21
22	565	565 -	564	554 -	556	562 +	556	571	559	551 -	558	556	22
23	565	566	566	554 -	556	562 +	555	571	559	551 -	559	555	23
24	564 -	565 -	565	554 -	556	560	558	571	558	551 -	560 +	555	24
25	565	567	564	554 -	556	559	558	570	558	551 -	560 +	554	25
26	565	567	563 -	554 -	556	560	554	570	557	551 -	560 +	553	26
27	565	567	563 -	554 -	557	560	553	570	557	551 -	560 +	553	27
28	566	567	563 -	555	558	559	552 -	569	557	551 -	560 +	552	28
29	566		563 -	555	559 +	559	552 -	570	556 -	551 -	560 +	551	29
30	567 +		563 -	555	559 +	559	553	571	556 -	551 -	560 +	551	30
31	567 +		563 -		558		553	571		551 -		550 -	31
Monatsmittel	565	567	565	556	556	560	557	570 +	562	552 -	556	558	
Maximum	567	573	568	563	560	562	561	612 +	571	556 -	561	562	
Datum	23.01	12.02	02.03	01.04	17.05	01.06	11.07	10.08	01.09	01.10	30.11	11.12	
Minimum	564	565 +	562	553	11 -	557	552	551	556	548	549	550	
Datum	06.01	02.02	31.03	24.04	16.05	12.06	27.07	02.08	28.09	24.10	01.11	30.12	
Amplitude	3	8	6	10	549	5	9	61	15	8	12	12	
Jahr 2007	Mittel	560 µs/cm	Maximum	612 (10.Aug)	Minimum	548 (24.Okt)	Amplitude	64 µs/cm					



Periode	2006 - 2007												
Monatsmittel	565	567	565	556 -	556 -	558	558	569 +	565	561	561	562	
Maximum	567	573	568	563	566	562 -	563	612 +	575	576	569	568	
Jahr	2007	2007	2007	2007	2006	2006	2006	2007	2006	2006	2006	2006	
Minimum	564	565 +	562	553	11 -	555	552	551	556	548	549	550	
Jahr	2007	2007	2007	2007	2007	2006	2007	2007	2007	2007	2007	2007	
Amplitude	3 -	8	6	10	549 +	7	9	61	15	15	12	12	
Jahr	2007	2007	2007	2007	2007	2006	2007	2007	2007	2006	2007	2007	
Periode	Mittel	562 µs/cm	Maximum	612 (10.Aug 2007)	Minimum	11 (16.Mai 2007)	Amplitude	601 µs/cm					

Darstellung der letzten 2 Jahre



Grundwasserspiegel im Birstal

Station 20.J.90 Münchenstein

Grün 80 / Brüglingen

Koordinaten: 613'667.5 / 264'464.3

Messung: Grundwasserspiegel
 Temperatur (ab Mai 2006)
 Leitfähigkeit (ab Mai 2006)

OK. Terrain
 262.14 m ü.M.

