

Grundwasserstände



Birstal

Münchenstein 20.J.116 Platanenweg

Abstichpunkt: 271.57 m ü.M.

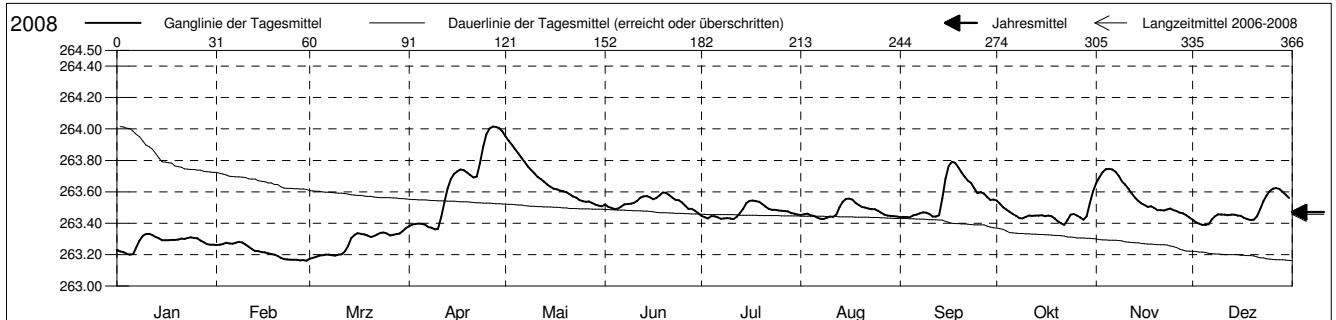
OK Terrain: 271.78 m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

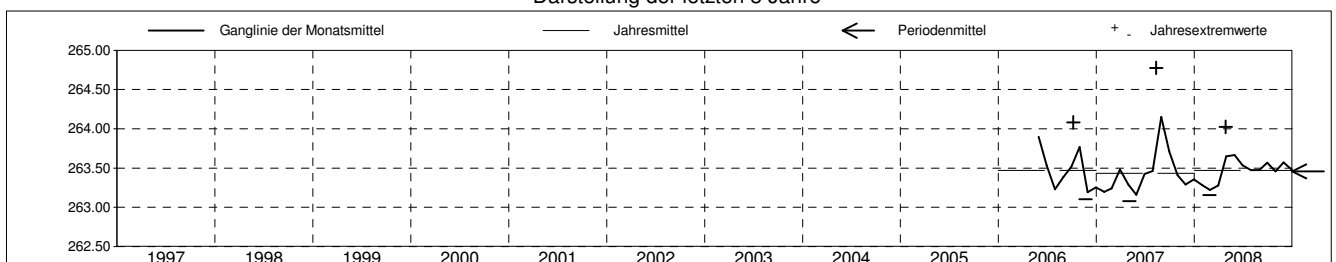
Koordinaten: 613543.19 / 263683.72

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	263.23	263.26	263.17 -	263.38	263.95 +	263.52	263.45	263.45	263.44 -	263.54	263.66	263.42	1
2	263.22	263.26	263.18	263.39	263.92	263.50	263.44	263.46	263.44 -	263.52	263.69	263.41	2
3	263.22	263.27	263.19	263.40	263.90	263.50	263.43 -	263.46	263.44 -	263.50	263.73	263.40	3
4	263.21	263.28 +	263.19	263.40	263.87	263.49	263.45	263.45	263.44 -	263.49	263.74	263.39 -	4
5	263.20 -	263.27	263.20	263.40	263.85	263.49	263.44	263.45	263.45	263.47	263.75 +	263.39 -	5
Tagesmittel	6	263.20 -	263.27	263.20	263.39	263.82	263.51	263.44	263.45	263.46	263.74	263.39 -	6
7	263.24	263.27	263.20	263.38	263.79	263.52	263.43 -	263.43 -	263.46	263.45	263.73	263.42	7
8	263.29	263.28 +	263.20	263.37	263.76	263.52	263.43 -	263.43 -	263.47	263.43	263.70	263.44	8
9	263.32	263.28 +	263.19	263.36 -	263.74	263.52	263.43 -	263.43 -	263.47	263.43	263.67	263.46	9
10	263.33 +	263.26	263.20	263.37	263.72	263.53	263.43 -	263.44	263.46	263.44	263.65	263.45	10
11	263.33 +	263.25	263.20	263.44	263.70	263.54	263.43 -	263.44	263.44 -	263.45	263.62	263.45	11
12	263.32	263.23	263.22	263.53	263.68	263.56	263.44	263.46	263.44 -	263.45	263.59	263.45	12
13	263.31	263.22	263.25	263.62	263.66	263.57	263.47	263.50	263.45	263.45	263.56	263.45	13
14	263.30	263.22	263.31	263.68	263.65	263.57	263.49	263.54	263.56	263.45	263.54	263.45	14
Max. +	15	263.29	263.22	263.33	263.71	263.63	263.56	263.53	263.55	263.68	263.45	263.45	15
16	263.29	263.21	263.34	263.73	263.62	263.55	263.54 +	263.56 +	263.77	263.44	263.52	263.45	16
17	263.29	263.21	263.33	263.74	263.62	263.56	263.54 +	263.55	263.79 +	263.45	263.50	263.43	17
18	263.29	263.21	263.33	263.74	263.61	263.58	263.54 +	263.53	263.78	263.45	263.51	263.43	18
19	263.29	263.20	263.32	263.72	263.60	263.60 +	263.54 +	263.52	263.76	263.43	263.50	263.42	19
Min. -	20	263.30	263.19	263.31	263.71	263.60	263.59	263.52	263.50	263.72	263.41	263.48	20
21	263.30	263.18	263.32	263.69	263.59	263.58	263.51	263.50	263.69	263.40	263.48	263.45	21
22	263.30	263.17	263.33	263.70	263.57	263.56	263.49	263.49	263.67	263.39 -	263.48	263.49	22
23	263.31	263.17	263.34	263.78	263.56	263.55	263.48	263.49	263.66	263.42	263.49	263.54	23
24	263.31	263.17	263.34	263.89	263.55	263.55	263.48	263.49	263.62	263.46	263.49	263.58	24
25	263.31	263.17	263.33	263.97	263.54	263.53	263.48	263.48	263.59	263.46	263.48	263.61	25
26	263.30	263.17	263.32	264.00	263.54	263.51	263.48	263.47	263.60	263.45	263.48	263.62 +	26
27	263.29	263.16 -	263.33	264.01 +	263.54	263.49	263.48	263.45	263.59	263.44	263.47	263.62 +	27
28	263.28	263.17	263.33	264.01 +	263.53	263.49	263.48	263.45	263.57	263.42	263.46	263.62 +	28
29	263.27	263.16 -	263.33	264.01 +	263.52	263.48	263.47	263.45	263.55	263.44	263.45	263.60	29
30	263.26		263.35	263.98	263.51 -	263.46 -	263.46	263.44	263.55	263.53	263.44 -	263.58	30
31	263.26		263.37 +		263.51 -		263.45	263.44		263.60 +		263.56	31
Monatsmittel	263.28	263.22 -	263.28	263.65	263.67 +	263.53	263.47	263.48	263.57	263.46	263.57	263.48	
Maximum	263.34	263.29 -	263.38	264.02 +	263.97	263.60	263.55	263.57	263.80	263.63	263.76	263.63	
Datum	11.01	08.02	31.03	27.04	01.05	19.06	17.07	16.08	17.09	31.10	04.11	27.12	
Amplitude	0.15	0.13	0.22	0.68	0.47	0.15	0.14	0.14	0.37	0.25	0.32	0.25	
Jahr 2008	Mittel	263.47 m ü.M.		Maximum	264.02 (27.Apr)		Minimum	263.16 (27.Feb)		Amplitude	0.87 m		



Periode	2006 - 2008											
Monatsmittel	263.24	263.23 -	263.38	263.47	263.57	263.50	263.39	263.67 +	263.60	263.54	263.35	263.36
Maximum	263.34 -	263.40	263.64	264.02	264.07	263.76	263.55	264.78 +	264.13	264.08	263.76	263.63
Jahr	2008	2007	2007	2008	2006	2006	2008	2007	2007	2006	2008	2008
Minimum	263.11	263.09	263.16	263.09	263.08 -	263.25	263.14	263.20	263.29	263.31 +	263.10	263.12
Jahr	2007	2007	2008	2007	2007	2007	2006	2006	2006	2007	2006	2007
Amplitude	0.18 -	0.31	0.26	0.68	0.47	0.41	0.22	1.40 +	0.62	0.69	0.32	0.30
Jahr	2007	2007	2007	2008	2008	2006	2006	2007	2007	2006	2008	2007
Periode	Mittel	263.46 m ü.M.		Maximum	264.78 (12.Aug 2007)		Minimum	263.08 (05.Mai 2007)		Amplitude	1.70 m	

Darstellung der letzten 3 Jahre



Grundwassertemperatur



Birstal

Münchenstein

20.J.116

Platanenweg

Abstichpunkt:

271.57

m ü.M.

OK Terrain:

271.78

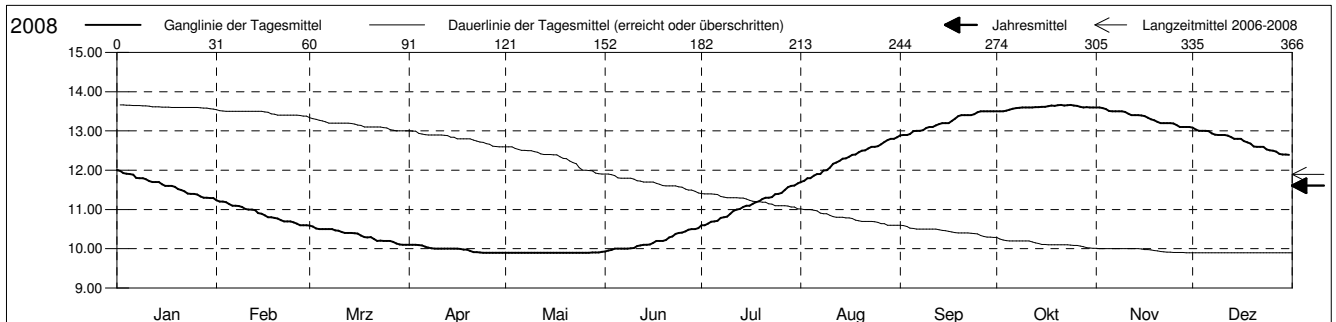
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

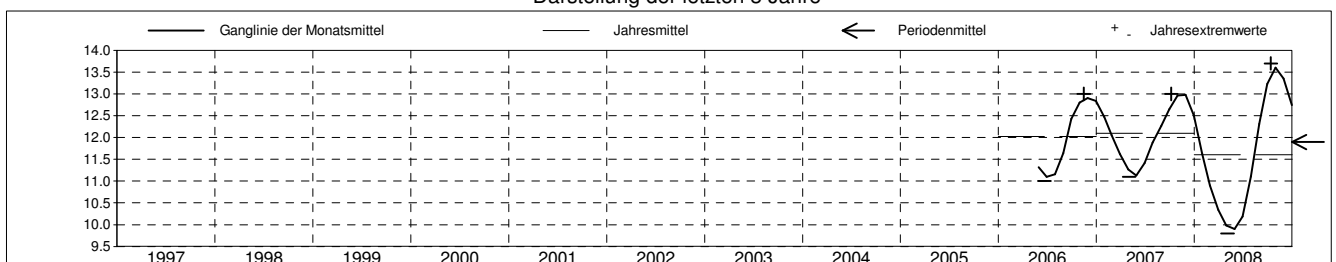
Koordinaten: 613543.19 / 263683.72

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.0 +	11.2 +	10.6 +	10.1 +	9.9 +	9.9 -	10.6 -	11.7 -	12.9 -	13.5 -	13.6 +	13.1 +	1
2	12.0 +	11.2 +	10.6 +	10.1 +	9.9 +	10.0	10.6 -	11.7 -	12.9 -	13.5 -	13.6 +	13.0	2
3	11.9	11.2 +	10.5	10.1 +	9.9 +	10.0	10.6 -	11.8	12.9 -	13.5 -	13.6 +	13.0	3
4	11.9	11.2 +	10.5	10.1 +	9.9 +	10.0	10.7	11.8	12.9 -	13.5 -	13.6 +	13.0	4
5	11.9	11.1	10.5	10.1 +	9.9 +	10.0	10.7	11.9	13.0	13.5 -	13.5	13.0	5
Tagesmittel													
6	11.9	11.1	10.5	10.1 +	9.9 +	10.0	10.7	11.9	13.0	13.6	13.5	13.0	6
7	11.8	11.1	10.5	10.0	9.9 +	10.0	10.8	11.9	13.0	13.6	13.5	12.9	7
8	11.8	11.1	10.5	10.0	9.9 +	10.0	10.8	12.0	13.0	13.6	13.5	12.9	8
9	11.8	11.1	10.5	10.0	9.9 +	10.0	10.8	12.0	13.1	13.6	13.5	12.9	9
10	11.8	11.0	10.5	10.0	9.9 +	10.0	10.9	12.1	13.1	13.6	13.5	12.9	10
11	11.7	11.0	10.4	10.0	9.9 +	10.1	11.0	12.2	13.1	13.6	13.4	12.9	11
12	11.7	11.0	10.4	10.0	9.9 +	10.1	11.0	12.2	13.1	13.6	13.4	12.9	12
13	11.7	11.0	10.4	10.0	9.9 +	10.1	11.0	12.2	13.2	13.6	13.4	12.8	13
14	11.7	10.9	10.4	10.0	9.9 +	10.1	11.1	12.3	13.2	13.6	13.4	12.8	14
15	11.6	10.9	10.4	10.0	9.9 +	10.1	11.1	12.3	13.2	13.6	13.4	12.8	15
Max. +													
16	11.6	10.9	10.4	10.0	9.9 +	10.2	11.1	12.3	13.2	13.6	13.4	12.8	16
17	11.6	10.8	10.3	10.0	9.9 +	10.2	11.1	12.4	13.3	13.6	13.3	12.7	17
18	11.6	10.8	10.3	10.0	9.9 +	10.2	11.2	12.4	13.3	13.6	13.3	12.7	18
19	11.6	10.8	10.3	10.0	9.9 +	10.2	11.2	12.5	13.4	13.6	13.3	12.7	19
20	11.5	10.8	10.3	9.9 -	9.9 +	10.2	11.3	12.5	13.4	13.7 +	13.2	12.6	20
Min. -													
21	11.5	10.7	10.2	9.9 -	9.9 +	10.3	11.3	12.5	13.4	13.7 +	13.2	12.6	21
22	11.5	10.7	10.2	9.9 -	9.9 +	10.3	11.3	12.6	13.4	13.6	13.2	12.6	22
23	11.4	10.7	10.2	9.9 -	9.9 +	10.4	11.3	12.6	13.4	13.7 +	13.2	12.6	23
24	11.4	10.7	10.2	9.9 -	9.9 +	10.4	11.4	12.6	13.4	13.7 +	13.2	12.5	24
25	11.4	10.7	10.2	9.9 -	9.9 +	10.4	11.4	12.6	13.5 +	13.6	13.2	12.5	25
26	11.4	10.6 -	10.2	9.9 -	9.9 +	10.4	11.4	12.7	13.5 +	13.6	13.2	12.5	26
27	11.3 -	10.6 -	10.2	9.9 -	9.9 +	10.5 +	11.5	12.7	13.5 +	13.6	13.1 -	12.5	27
28	11.3 -	10.6 -	10.1 -	9.9 -	9.9 +	10.5 +	11.6	12.8 +	13.5 +	13.6	13.1 -	12.4 -	28
29	11.3 -	10.6 -	10.1 -	9.9 -	9.9 +	10.5 +	11.6	12.8 +	13.5 +	13.6	13.1 -	12.4 -	29
30	11.3 -		10.1 -	9.9 -	9.9 +	10.5 +	11.6	12.8 +	13.5 +	13.6	13.1 -	12.4 -	30
31	11.3 -		10.1 -		9.9 +		11.7 +	12.8 +		13.6		12.4 -	31
Monatsmittel	11.6	10.9	10.3	10.0	9.9 -	10.2	11.1	12.3	13.2	13.6 +	13.3	12.7	
Maximum	12.0	11.3	10.6	10.1	10.0 -	10.6	11.7	12.9	13.5	13.7 +	13.6	13.1	
Datum	01.01	01.02	01.03	01.04	28.05	29.06	30.07	30.08	23.09	13.10	01.11	01.12	
Minimum	11.2	10.6	10.1	9.9	9.8 -	9.9	10.5	11.7	12.8	13.5 +	13.1	12.3	
Datum	30.01	24.02	26.03	17.04	04.05	01.06	01.07	01.08	01.09	01.10	25.11	31.12	
Amplitude	0.8	0.7	0.5	0.2	0.2	0.7	1.2	1.2	0.7	0.2	0.5	0.8	
Jahr 2008	Mittel	11.6 °C		Maximum	13.7 (13.Okt)		Minimum	9.8 (04.Mai)		Amplitude	3.9 °C		



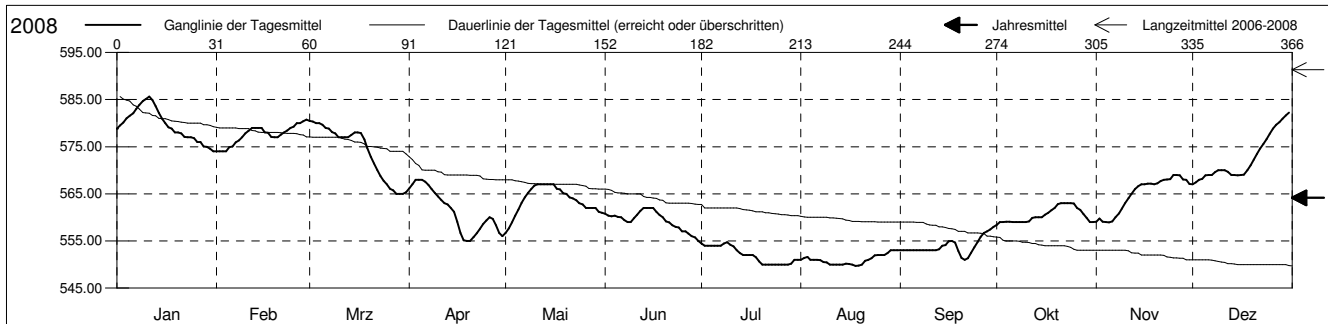
Periode	2006 - 2008											
Monatsmittel	12.0	11.5	11.0	10.6 -	10.8	10.9	11.4	12.1	12.8	13.1 +	13.1 +	12.7
Maximum	12.7	12.3	11.9	11.4 -	11.5	11.7	12.1	12.9	13.5	13.7 +	13.6	13.1
Jahr	2007	2007	2007	2007	2006	2007	2007	2008	2008	2008	2008	2008
Minimum	11.2	10.6	10.1	9.9	9.8 -	9.9	10.5	11.3	12.1	12.6	12.8 +	12.0
Jahr	2008	2008	2008	2008	2008	2008	2008	2006	2006	2006	2006	2007
Amplitude	0.8	0.7	0.5	0.2 -	0.3	0.7	1.2 +	1.2 +	0.7	0.3	0.5	0.9
Jahr	2008	2008	2007	2008	2006	2008	2008	2008	2008	2006	2008	2007
Periode	Mittel	11.9 °C		Maximum	13.7 (13.Okt 2008)		Minimum	9.8 (04.Mai 2008)		Amplitude	3.9 °C	

Darstellung der letzten 3 Jahre



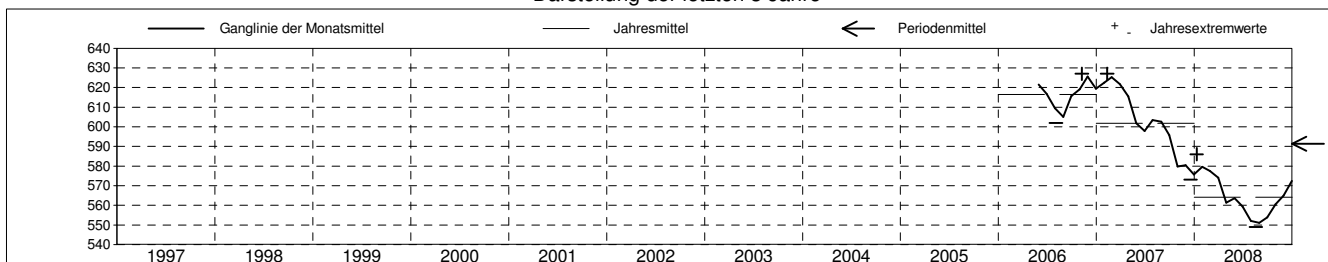


2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	579	574 -	581 +	566	557 -	561	554	551	553	558 -	559 -	567 -	1
2	580	574 -	580	567	558	560	554	551	553	559	560	567 -	2
3	580	574 -	580	568 +	559	560	554	552	553	559	559 -	568	3
4	581	574 -	580	568 +	560	560	554	551	553	559	559 -	568	4
5	582	575	580	568 +	562	560	554	551	553	559	559 -	569	5
Tagesmittel	582	575	579	568 +	563	560	554	551	553	559	559 -	569	6
6	583	576	579	567	564	559	554	551	553	559	560	569	7
7	584	576	578	566	565	559	554	551	553	559	561	570	8
8	585	577	578	565	566	559	555 +	550 -	553	559	562	570	9
9	585	578	577	564	567 +	560	554	550 -	553	559	563	570	10
10	586 +	578	577	564	567 +	561	554	550 -	553	559	564	570	11
11	585	579	577	563	567 +	561	553	550 -	553	560	565	570	12
12	584	579	577	563	567 +	562 +	552	550 -	553	560	566	569	13
13	582	579	578	562	567 +	562 +	552	550 -	554	560	567	569	14
14	581	579	578	561	567 +	562 +	552	550 -	554	560	567	569	15
Max. +	580	578	578	559	567 +	562 +	552	550 -	555	561	567	569	16
16	579	578	578	557	566	561	552	550 -	555	561	567	569	17
17	579	577	577	555 -	566	561	552	550 -	555	562	567	570	18
18	578	577	575	555 -	565	560	551	550 -	553	562	567	571	19
19	578	577	573	555 -	565	559	550 -	550 -	551 -	563 +	567	572	20
Min. -	578	578	571	556	564	559	550 -	551	551 -	563 +	568	573	21
21	577	578	570	557	564	558	550 -	551	551 -	563 +	568	575	22
22	577	578	569	558	564	558	550 -	551	553	563 +	568	576	23
23	577	579	568	559	563	558	550 -	552	554	563 +	568	577	24
24	577	579	567	559	563	557	550 -	552	555	563 +	569 +	578	25
25	576	580	566	560	562	557	550 -	552	556	562	569 +	579	26
26	576	580	566	560	562	557	550 -	552	557	562	569 +	580	27
27	575	580	565 -	558	562	556	550 -	552	557	561	568	580	28
28	575	581 +	565 -	557	562	556	550 -	553 +	557	560	568	581	29
29	575		565 -	556	561	555 -	551	553 +	558 +	559	567	582 +	30
30	574 -		565 -	561	551		551	553 +		559		582 +	31
31													
Monatsmittel	580 +	578	574	561	564	559	552	551 -	554	560	565	572	
Maximum	586 +	581	581	568	567	562	555	553 -	558	563	569	583	
Datum	10.01	28.02	01.03	02.04	10.05	12.06	01.07	28.08	29.09	20.10	23.11	31.12	
Minimum	574 +	574 +	565	555	556	555	550	549 -	551	558	558	567	
Datum	30.01	01.02	27.03	18.04	01.05	29.06	19.07	18.08	20.09	01.10	05.11	01.12	
Amplitude	12	7	16	13	11	7	5	4	7	5	11	16	
Jahr 2008	Mittel	564	Maximum	586 (10.Jan)	Minimum	549 (18.Aug)	Amplitude	37					



Periode	2006 - 2008											
Monatsmittel	601 +	601 +	598	588	596	591	588	586 -	588	586 -	590	589
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 +	565	555	556	555	550	549 -	551	558	558	567
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008
Amplitude	12	7 -	16	18	11	7 -	11	26	33 +	11	11	16
Jahr	2008	2008	2008	2007	2008	2006	2007	2007	2007	2006	2008	2008
Periode	Mittel	591	Maximum	627 (08.Nov.2006)	Minimum	549 (18.Aug.2008)	Amplitude	78				

Darstellung der letzten 3 Jahre



Grundwasserspiegel im Birstal

Station 20.J.116

Münchenstein

Platanenweg

OPK 201477

Koordinaten: 613'543.19 / 263'683.72

Messwerte: Grundwasserspiegel

Temperatur

Leitfähigkeit

OK. Abstich

271.57 m ü.M.

OK. Terrain = Schachtdeckel

271.78 m ü.M.

