

Grundwasserstände



Birstal

Muttentz

Abstichpunkt:

OK Terrain:

21.J.01

277.24

276.28

Asprain

m ü.M.

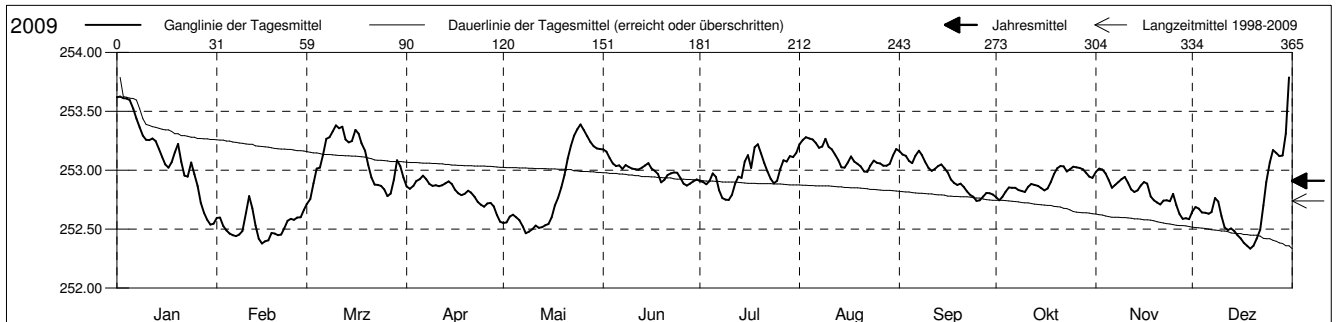
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

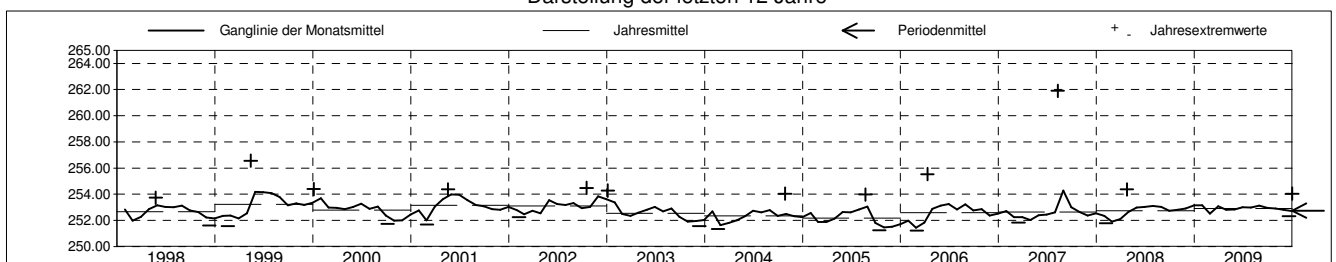
Koordinaten: 614004.13 / 263348.53

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	253.62	252.59	252.71 -	252.86	252.55	253.18 +	252.91	253.22	253.16	252.77	252.99	252.65	1
2	253.63 +	252.60	252.76	252.84	252.56	253.16	252.90	253.25	253.13	252.75 -	253.01 +	252.69	2
3	253.61	252.53	252.89	252.87	252.61	253.10	252.88	253.28 +	253.12	252.77	253.00	252.67	3
4	253.61	252.49	253.01	252.91	252.62	253.06	252.91	253.27	253.08	252.82	252.97	252.64	4
5	253.60	252.46	253.02	252.92	252.60	253.04	252.97	253.26	253.06	252.85	252.92	252.64	5
Tagesmittel													
6	253.52	252.45	253.13	252.96 +	252.58	253.04	252.94	253.23	253.12	252.85	252.85	252.63	6
7	253.44	252.44	253.27	252.92	252.52	253.01	252.83	253.19	253.17 +	252.85	252.88	252.64	7
8	253.36	252.45	253.28	252.88	252.46 -	253.04	252.76	253.20	253.13	252.83	252.90	252.76	8
9	253.29	252.49	253.33	252.87	252.48	253.03	252.75 -	253.27	253.07	252.82	252.92	252.73	9
10	253.26	252.64	253.38 +	252.87	252.50	253.01	252.75 -	253.20	253.02	252.82	252.94	252.61	10
11	253.26	252.78 +	253.36	252.86	252.53	253.01	252.79	253.18	252.99	252.86	252.89	252.51	11
12	253.27	252.68	253.37	252.87	252.51	253.01	252.89	253.13	253.01	252.88	252.84	252.49	12
13	253.25	252.53	253.26	252.89	252.52	253.02	252.95	253.09	253.03	252.88	252.82	252.50	13
14	253.18	252.42	253.24	252.90	252.53	253.04	252.94	253.02	253.05	252.87	252.83	252.48	14
Max. +	253.11	252.38 -	253.25	252.88	252.54	253.06	253.07	253.02	253.02	252.85	252.87	252.45	15
16	253.05	252.40	253.34	252.83	252.60	253.01	253.13	253.07	252.98	252.83	252.90	252.42	16
17	253.02	252.40	253.31	252.80	252.70	252.99	253.02	253.12	252.92	252.84	252.89	252.38	17
18	253.07	252.47	253.23	252.79	252.77	252.97	253.20	253.07	252.89	252.90	252.78	252.36	18
19	253.15	252.46	253.17	252.80	252.85	252.90	253.22 +	253.06	252.87	252.97	252.74	252.33 -	19
Min. -	253.22	252.45	253.04	252.83	252.96	252.92	253.14	253.03	252.89	253.02	252.72	252.36	20
21	253.07	252.46	252.94	252.81	253.10	252.96	253.06	252.99 -	252.86	253.04 +	252.71	252.42	21
22	252.96	252.51	252.88	252.77	253.21	252.97	252.99	252.99 -	252.82	253.03	252.74	252.49	22
23	252.95	252.57	252.88	252.73	253.29	252.98	252.93	253.04	252.79	252.99	252.75	252.70	23
24	253.07	252.59	252.87	252.71	253.35	252.98	252.89	253.08	252.78	253.01	252.74	252.90	24
25	252.96	252.58	252.84	252.69	253.39 +	252.94	252.91	253.06	252.74 -	253.03	252.80	253.06	25
26	252.87	252.60	252.78	252.72	253.34	252.89	253.01	253.06	252.75	253.02	252.70	253.17	26
27	252.72	252.60	252.80	252.72	253.29	252.87 -	253.08	253.04	252.78	253.02	252.63	253.15	27
28	252.64	252.66	252.92	252.69	253.24	252.89	253.07	253.04	252.81	253.01	252.59	253.12	28
29	252.58		253.08	252.62	253.20	252.91	253.12	253.06	252.80	252.98	252.59	253.13	29
30	252.54 -		253.04	252.56 -	253.19	252.92	253.11	253.12	252.79	252.94	252.58 -	253.31	30
31	252.55		252.94		253.18		253.15	253.18		252.93		253.79 +	31
Monatsmittel	253.14 +	252.52 -	253.07	252.81	252.83	253.00	252.98	253.12	252.96	252.90	252.82	252.72	
Maximum	253.64	252.80 -	253.41	252.97	253.41	253.19	253.24	253.29	253.18	253.05	253.02	254.04 +	
Datum	01.01	11.02	12.03	06.04	25.05	01.06	19.07	03.08	01.09	21.10	01.11	31.12	
Amplitude	1.11	0.43	0.72	0.41	0.96	0.33	0.50	0.32	0.45	0.31	0.45	1.73	
Jahr 2009	Mittel	252.91 m ü.M.	Maximum	254.04 (31.Dez)	Minimum	252.31 (19.Dez)	Amplitude	1.73 m					



Periode	1998 - 2009											
Monatsmittel	252.77	252.16 -	252.37	252.63	253.08	253.14	253.03	253.24 +	252.68	252.57	252.52	252.63
Maximum	254.39	254.44	254.22 -	255.53	256.56	254.54	254.80	261.90 +	254.43	254.48	254.37	254.57
Jahr	2000	1999	2006	2006	1999	1999	1999	2007	2006	2002	2002	1999
Minimum	251.40	251.26	251.21 -	251.40	251.85	252.09	252.33 +	252.29	251.30	251.24	251.39	251.34
Jahr	2006	2006	2006	2006	2004	2007	2004	2005	2005	2005	2005	2005
Amplitude	2.01	2.87	3.01	4.13	4.00	1.08 -	1.18	9.34 +	2.25	2.03	1.59	1.74
Jahr	2004	1999	2006	2006	1999	2006	2002	2007	2006	2002	2002	1999
Periode	Mittel	252.74 m ü.M.	Maximum	261.90 (10.Aug 2007)	Minimum	251.21 (02.Mrz 2006)	Amplitude	10.69 m				

Darstellung der letzten 12 Jahre



Grundwassertemperatur



Birstal

Muttentz

Abstichpunkt:

OK Terrain:

21.J.01

277.24

276.28

Asprain

m ü.M.

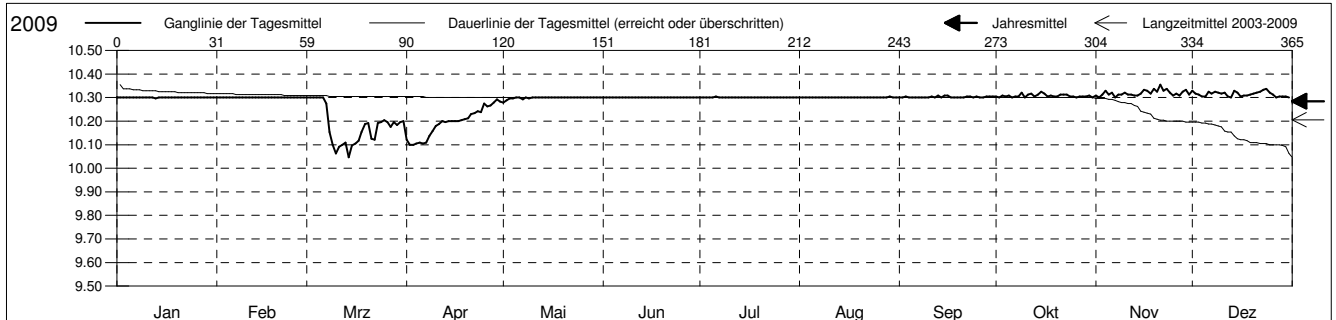
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

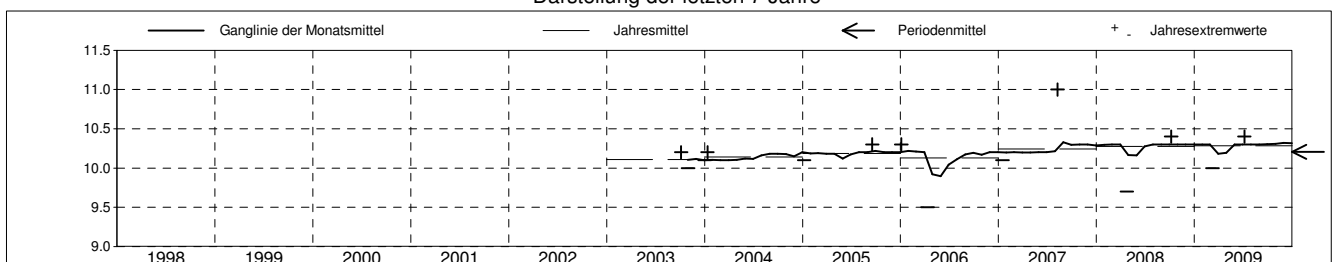
Koordinaten: 614004.13 / 263348.53

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	1
2	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	2
3	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	3
4	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	4
5	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	5
Tagesmittel													
6	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	6
7	10.3 +	10.3 +	10.3 +	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	7
8	10.3 +	10.3 +	10.2	10.1 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	8
9	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	9
10	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	10
11	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	11
12	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	12
13	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	13
14	10.3 +	10.3 +	10.0 -	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	14
15	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	15
Max. +													
16	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	16
17	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	17
18	10.3 +	10.3 +	10.2	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	18
19	10.3 +	10.3 +	10.2	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	19
20	10.3 +	10.3 +	10.2	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	20
Min. -													
21	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.4 +	10.3 +	21
22	10.3 +	10.3 +	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	22
23	10.3 +	10.3 +	10.2	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	23
24	10.3 +	10.3 +	10.2	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	24
25	10.3 +	10.3 +	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	25
26	10.3 +	10.3 +	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	26
27	10.3 +	10.3 +	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	27
28	10.3 +	10.3 +	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	28
29	10.3 +		10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	29
30	10.3 +		10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 -	10.3 +	30
31	10.3 +		10.2		10.3 +		10.3 +	10.3 +		10.3 +		10.3 +	31
Monatsmittel	10.3 +	10.3 +	10.2 -	10.2 -	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	
Maximum	10.3 -	10.3 -	10.3 -	10.3 -	10.3 -	10.3 -	10.4 +	10.4 +	10.4 +	10.4 +	10.4 +	10.4 +	
Datum	01.01	01.02	01.03	18.04	01.05	01.06	06.07	29.08	03.09	01.10	01.11	01.12	
Minimum	10.2	10.3 +	10.0 -	10.1	10.2	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	10.3 +	
Datum	13.01	01.02	10.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.1	0.0 +	0.3	0.2	0.1	0.0 +	0.1	0.1	0.1	0.1	0.1	0.1	
Jahr 2009	Mittel	10.3 °C		Maximum	10.4 (06.Jul)		Minimum	10.0 (10.Mrz)		Amplitude	0.4 °C		



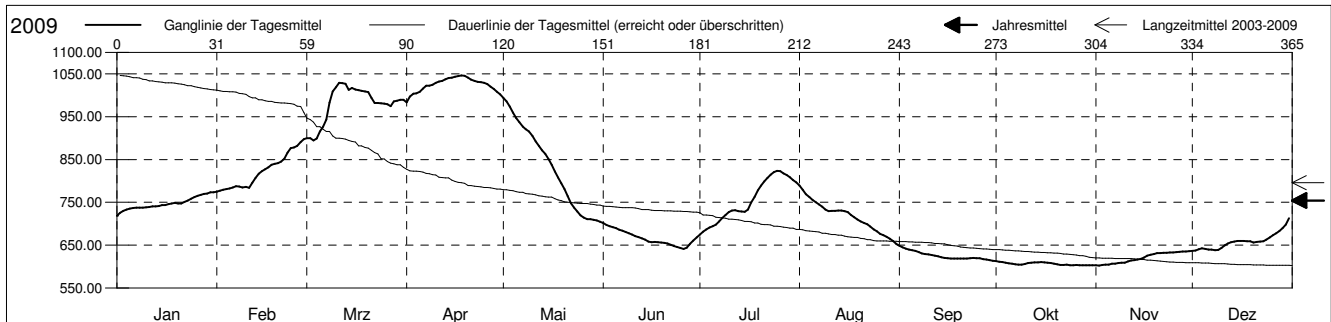
Periode	2003 - 2009											
Monatsmittel	10.2 +	10.2 +	10.2 +	10.1 -	10.1 -	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +	10.2 +
Maximum	10.3 -	10.3 -	10.3 -	10.3 -	10.3 -	10.3 -	10.4	11.0 +	10.4	10.4	10.4	10.4
Jahr	2006	2006	2007	2008	2007	2007	2009	2007	2009	2008	2009	2009
Minimum	10.1 +	10.1 +	10.0	9.5 -	9.7	10.0	10.1 +	10.1 +	10.1 +	10.0	10.1 +	10.1 +
Jahr	2004	2004	2009	2006	2006	2006	2004	2004	2003	2003	2003	2003
Amplitude	0.2	0.1 -	0.3	0.7	0.3	0.1 -	0.1 -	0.8 +	0.2	0.2	0.1 -	0.2
Jahr	2007	2006	2009	2006	2006	2006	2007	2007	2006	2003	2007	2006
Periode	Mittel	10.2 °C		Maximum	11.0 (09.Aug 2007)		Minimum	9.5 (11.Apr 2006)		Amplitude	1.5 °C	

Darstellung der letzten 7 Jahre



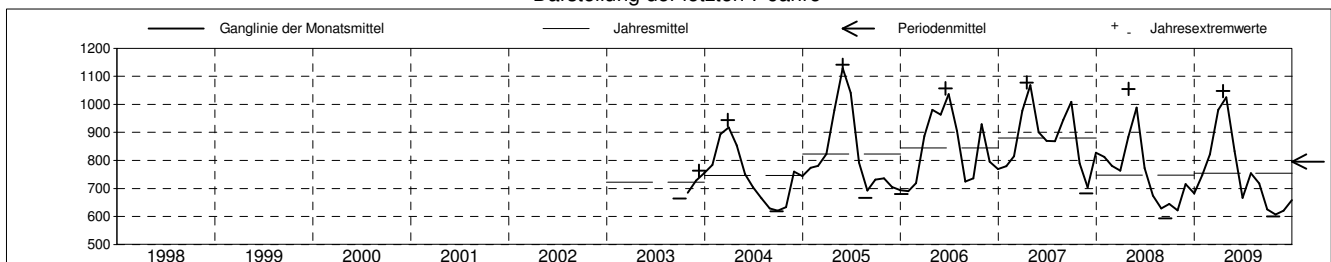


2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	719 -	775 -	900	984 -	994 +	702 +	675 -	789 +	649 +	613 +	603 -	637 -	1
2	726	777	900	997	986	698	681	779	645	612	603 -	638	2
3	730	779	895 -	1003	974	694	687	769	642	611	604	640	3
4	733	781	899	1004	960	692	692	763	640	609	605	642	4
5	735	783	916	1008	947	690	695	756	638	608	605	641	5
Tagesmittel	737	785	927	1016	937	686	698	750	637	607	607	640	6
7	737	788	943	1022	927	684	706	745	634	606	607	640	7
8	738	787	983	1023	921	680	714	740	631	605	608	638	8
9	738	785	1009	1025	915	678	720	733	630	605	609	639	9
10	739	786	1019	1029	905	675	728	729	629	606	609	643	10
11	739	784	1029 +	1032	893	671	731	730	627	608	612	649	11
12	740	796	1028	1034	882	669	731	730	626	609	614	654	12
13	741	807	1027	1037	871	666	729	731	624	610	615	657	13
14	742	817	1013	1040	863	663	729	731	622	610	617	659	14
Max. +	743	823	1017	1041	851	659	728	730	620	610	618	660	15
16	744	827	1014	1043	838	657	733	727	619	610	621	660	16
17	746	832	1012	1045	822	658	749	721	619	609	625	660	17
18	747	837	1011	1047 +	808	657	763	715	619	608	628	659	18
19	749	840	1009	1046	794	657	778	710	619	607	629	659	19
Min. -	748	842	1008	1041	781	656	789	705	619	605	631	657	20
21	747	846	994	1037	765	654	799	702	619	604	631	657	21
22	751	852	982	1033	748	651	807	699	619	604	632	658	22
23	754	866	982	1032	737	648	815	694	620	605	632	659	23
24	759	876	981	1031	729	646	820	687	620	603 -	633	663	24
25	762	878	981	1029	720	643	824 +	682	620	603 -	633	668	25
26	766	882	979	1027	714	641 -	823	677	620	604	634	674	26
27	768	891	975	1020	711	645	818	673	618	603 -	635	678	27
28	770	898 +	986	1015	711	653	814	669	616	603 -	636 +	683	28
29	771		987	1008	709	661	808	665	615	603 -	636 +	690	29
30	773		990	1002	708	668	802	660	614 -	603 -	636 +	698	30
31	774 +		990		705 -		796	653 -		603 -		713 +	31
Monatsmittel	747	822	980	1025 +	833	667	754	718	626	607 -	620	659	
Maximum	774	902	1031	1047 +	1003	707	827	797	654	615 -	639	721	
Datum	30.01	28.02	11.03	17.04	01.05	01.06	26.07	01.08	01.09	01.10	28.11	31.12	
Minimum	717	774	887	978 +	701	638	671	647	612	600 -	601	634	
Datum	01.01	01.02	03.03	01.04	31.05	27.06	01.07	31.08	30.09	21.10	01.11	02.12	
Amplitude	57	128	144	69	302	69	156	150	42	15	38	87	
Jahr 2009	Mittel	754 µs/cm	Maximum	1047 (17.Apr)	Minimum	600 (21.Okt)	Amplitude	447 µs/cm					



Periode	2003 - 2009											
Monatsmittel	765	802	891	965 +	927	849	776	723	728	714 -	719	733
Maximum	877	903	1068	1116	1141 +	1141 +	1010	1072	1041	1043	869 -	887
Jahr	2004	2004	2007	2005	2005	2005	2006	2007	2007	2006	2006	2007
Minimum	680	703	716	733 +	696	638	638	603	593 -	597	601	634
Jahr	2006	2006	2008	2008	2004	2009	2004	2008	2008	2009	2009	2009
Amplitude	158	128 -	247	322	302	239	231	356 +	170	208	131	163
Jahr	2004	2009	2006	2008	2009	2005	2006	2007	2006	2007	2006	2007
Periode	Mittel	796 µs/cm	Maximum	1141 (29.Mai 2005)	Minimum	593 (14.Sep 2008)	Amplitude	548 µs/cm				

Darstellung der letzten 7 Jahre



Grundwasserspiegel im Birstal

Station 21.J.1
OPK 190961

Muttenz
Felsgrundwasser

Asprain

Koordinaten: 614'004.15 / 263'348.52

Messwerte: Grundwasserspiegel
Temperatur
Leitfähigkeit

