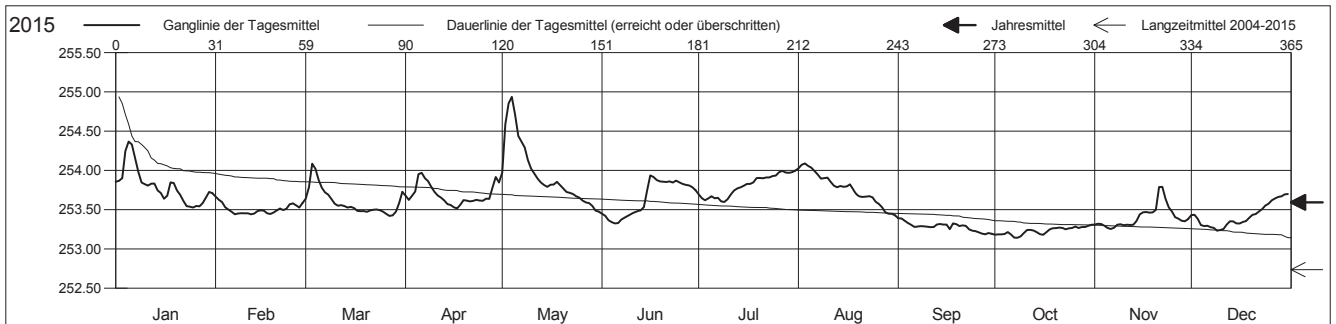


Grundwasserstände

Birstal
 Muttentz 21.J.01 Asprain
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

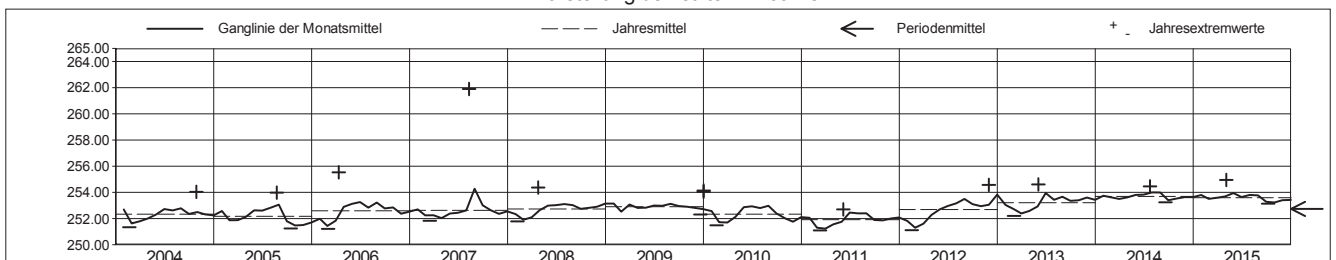
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	253.86	253.67 +	253.64	253.68	253.97	253.45	253.70	254.02	253.39 +	253.18	253.31	253.43	1
2	253.87	253.63	253.78	253.62	254.59	253.42	253.65	254.07	253.39 +	253.19	253.32	253.43	2
3	253.90	253.60	254.08 +	253.68	254.85	253.37	253.62	254.09 +	253.36	253.18	253.32	253.38	3
4	254.25	253.53	254.02	253.73	254.94 +	253.34	253.64	254.06	253.33	253.19	253.30	253.30	4
5	254.37 +	253.50	253.88	253.95	254.71	253.33 -	253.67	254.03	253.31	253.21	253.27	253.29	5
Tagesmittel													
6	254.33	253.47	253.78	253.97 +	254.44	253.33 -	253.65	253.99	253.28	253.18	253.25 -	253.29	6
7	254.16	253.44 -	253.72	253.90	254.36	253.37	253.65	253.95	253.28	253.14 -	253.27	253.28	7
8	253.98	253.45	253.69	253.86	254.29	253.40	253.61	253.90	253.29	253.14 -	253.31	253.27	8
9	253.85	253.45	253.63	253.79	254.13	253.42	253.60 -	253.90	253.29	253.16	253.31	253.23 -	9
10	253.82	253.45	253.58	253.73	254.02	253.44	253.63	253.91	253.28	253.20	253.30	253.24	10
11	253.81	253.45	253.55	253.68	253.96	253.47	253.69	253.86	253.28	253.24	253.31	253.25	11
12	253.83	253.44 -	253.56	253.65	253.89	253.48	253.74	253.81	253.28	253.24	253.30	253.31	12
13	253.83	253.45	253.55	253.62	253.85	253.49	253.77	253.79	253.31	253.23	253.31	253.35	13
14	253.74	253.48	253.53	253.57	253.81	253.53	253.78	253.80	253.32	253.21	253.36	253.35	14
Max. +	253.71	253.49	253.54	253.56	253.79	253.74	253.80	253.79	253.31	253.19	253.44	253.33	15
16	253.64	253.49	253.52	253.53	253.82	253.94 +	253.83	253.80	253.31	253.18	253.47	253.32	16
17	253.68	253.45	253.48	253.52 -	253.82	253.92	253.83	253.82	253.25	253.21	253.47	253.34	17
18	253.85	253.44 -	253.48	253.56	253.85	253.88	253.85	253.76	253.32	253.25	253.46	253.36	18
19	253.84	253.46	253.48	253.62	253.81	253.86	253.90	253.70	253.32	253.26	253.46	253.40	19
20	253.74	253.49	253.47	253.61	253.77	253.86	253.90	253.67	253.29	253.27	253.50	253.43	20
Min. -													
21	253.69	253.51	253.49	253.60	253.72	253.85	253.90	253.66	253.30	253.27	253.79 +	253.44	21
22	253.61	253.50	253.50	253.61	253.71	253.86	253.91	253.67	253.29	253.27	253.79 +	253.48	22
23	253.54	253.51	253.50	253.62	253.70	253.84	253.91	253.67	253.25	253.25	253.64	253.51	23
24	253.54	253.57	253.49	253.62	253.67	253.87	253.93	253.66	253.23	253.26	253.53	253.55	24
25	253.53 -	253.58	253.47	253.61	253.65	253.85	253.93	253.60	253.23	253.27	253.47	253.58	25
26	253.55	253.55	253.45	253.64	253.61	253.83	253.98	253.57	253.21	253.29	253.40	253.62	26
27	253.54	253.53	253.42 -	253.64	253.59	253.82	253.99	253.53	253.19 -	253.27	253.39	253.64	27
28	253.58	253.58	253.43	253.78	253.58	253.81	253.97	253.47	253.19 -	253.28	253.36	253.66	28
29	253.65		253.47	253.92	253.55	253.79	253.97	253.45	253.20	253.28	253.35	253.67	29
30	253.73		253.58	253.85	253.49	253.75	253.98	253.45	253.19 -	253.29	253.38	253.69	30
31	253.71		253.73		253.47 -		254.00 +	253.43 -	253.19 -	253.31 +		253.70 +	31
Monatsmittel	253.80	253.51	253.60	253.69	253.95 +	253.64	253.81	253.77	253.28	253.23 -	253.40	253.42	
Maximum	254.37	253.69	254.11	254.00	254.95 +	253.95	254.02	254.09	253.42	253.31 -	253.86	253.72	
Datum	05.01	01.02	03.03	05.04	04.05	16.06	31.07	02.08	01.09	31.10	21.11	30.12	
Amplitude	0.85	0.26	0.71	0.50	1.49	0.64	0.43	0.68	0.24	0.17	0.61	0.50	
Jahr 2015	Mittel	253.59 m ü.M.		Maximum	254.95 (04.May)		Minimum	253.14 (07.Oct)		Amplitude	1.81 m		



Periode	2004 - 2015												
Monatsmittel	252.70	252.15 -	252.25	252.53	252.86	253.07	253.05	253.32 +	252.75	252.68	252.64	252.78	
Maximum	254.37	253.96 -	254.22	255.53	254.95	254.61	254.46	261.90 +	254.43	254.30	254.57	254.48	
Jahr	2015	2013	2006	2006	2015	2013	2014	2007	2006	2006	2012	2013	
Minimum	251.34	251.11	251.09 -	251.33	251.64	252.09	252.18 +	252.13	251.30	251.24	251.39	251.34	
Jahr	2012	2012	2011	2011	2011	2007	2011	2011	2005	2005	2005	2005	
Amplitude	2.26	1.72	3.01	4.13	1.64	1.15	0.86 -	9.34 +	2.25	1.94	2.05	1.73	
Jahr	2010	2013	2006	2006	2010	2013	2014	2007	2006	2004	2012	2010	
Periode	Mittel	252.74 m ü.M.		Maximum	261.90 (10.Aug 2007)		Minimum	251.09 (11.Mar 2011)		Amplitude	10.81 m		

Darstellung der letzten 12 Jahre

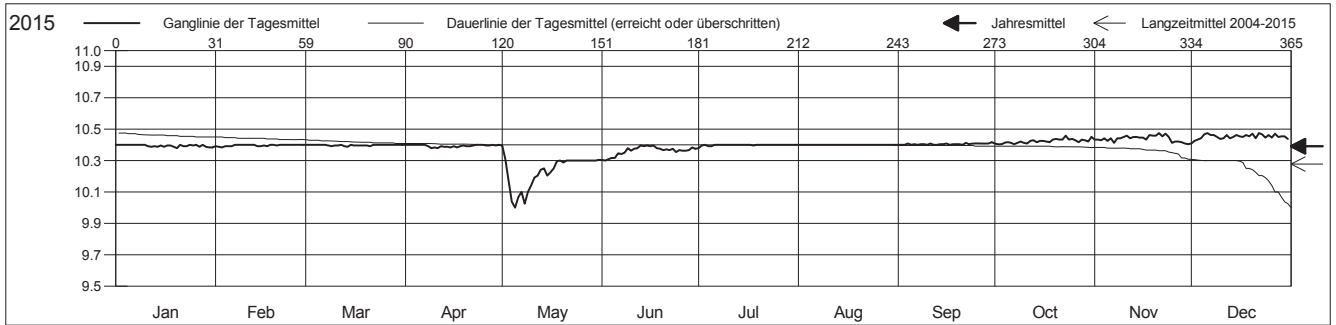


Grundwassertemperatur

Birstal
 Muttenz 21.J.01 Asprain
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

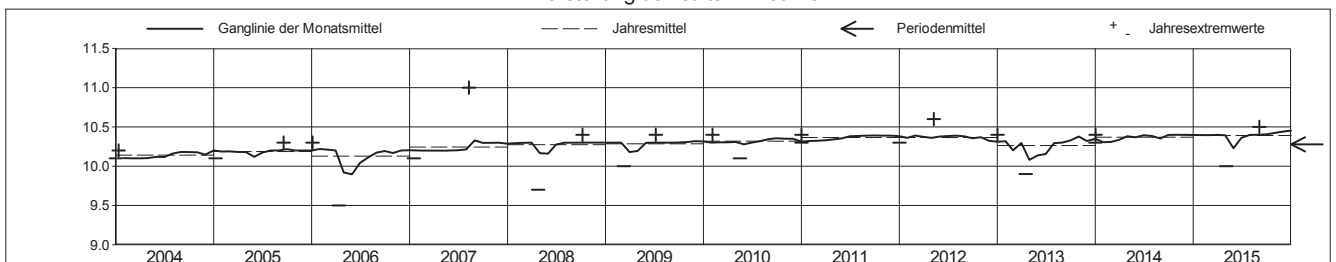
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	10.4 +	10.4 +	10.4 +	10.4 +	10.4 +	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	1
2	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	2
3	10.4 +	10.4 +	10.4 +	10.4 +	10.2	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	3
4	10.4 +	10.4 +	10.4 +	10.4 +	10.0 -	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	4
5	10.4 +	10.4 +	10.4 +	10.4 +	10.0 -	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	5
Tagesmittel													
6	10.4 +	10.4 +	10.4 +	10.4 +	10.1	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	6
7	10.4 +	10.4 +	10.4 +	10.4 +	10.1	10.3 -	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	7
8	10.4 +	10.4 +	10.4 +	10.4 +	10.0 -	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	8
9	10.4 +	10.4 +	10.4 +	10.4 +	10.1	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	9
10	10.4 +	10.4 +	10.4 +	10.4 +	10.1	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	10
11	10.4 +	10.4 +	10.4 +	10.4 +	10.2	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.5 +	10.4 -	11
12	10.4 +	10.4 +	10.4 +	10.4 +	10.2	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	12
13	10.4 +	10.4 +	10.4 +	10.4 +	10.2	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	13
14	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	14
15	10.4 +	10.4 +	10.4 +	10.4 +	10.2	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	15
Max. +													
16	10.4 +	10.4 +	10.4 +	10.4 +	10.2	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	16
17	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	17
18	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.5 +	10.5 +	18
19	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.5 +	10.5 +	19
20	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.5 +	10.5 +	20
Min. -													
21	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.5 +	10.4 -	21
22	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.5 +	10.5 +	22
23	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.5 +	10.5 +	10.5 +	23
24	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	24
25	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	25
26	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	26
27	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	27
28	10.4 +	10.4 +	10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.4 -	28
29	10.4 +		10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	29
30	10.4 +		10.4 +	10.4 +	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 -	10.4 -	10.5 +	30
31	10.4 +		10.4 +		10.3		10.4 +	10.4 +		10.4 -		10.4 -	31
Monatsmittel	10.4	10.4	10.4	10.4	10.2 -	10.4	10.4	10.4	10.4	10.4	10.4	10.5 +	
Maximum	10.4 -	10.4 -	10.4 -	10.4 -	10.4 -	10.4 -	10.4 -	10.4 -	10.5 +	10.5 +	10.5 +	10.5 +	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	01.07	01.08	04.09	01.10	01.11	01.12	
Minimum	10.3	10.3	10.3	10.3	10.0 -	10.3	10.3	10.4 +	10.4 +	10.4 +	10.4 +	10.4 +	
Datum	11.01	01.02	08.03	08.04	04.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.0 +	0.1	0.1	0.1	0.1	
Jahr 2015	Mittel	10.4 °C		Maximum	10.5 (04.Sep)		Minimum	10.0 (04.May)		Amplitude	0.5 °C		



Periode	2004 - 2015												
Monatsmittel	10.3 +	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	10.4 -	10.4 -	10.4 -	10.4 -	10.6	10.4 -	10.4 -	11.0 +	10.5	10.5	10.5	10.5	10.5
Jahr	2011	2010	2010	2010	2012	2010	2009	2007	2015	2015	2015	2015	2015
Minimum	10.1 +	10.0	10.0	9.5 -	9.7	10.0	10.1 +	10.1 +	10.1 +	10.1 +	10.1 +	10.1 +	10.1 +
Jahr	2004	2013	2009	2006	2006	2006	2004	2004	2004	2004	2004	2004	2006
Amplitude	0.2	0.3	0.3	0.7	0.4	0.3	0.2	0.8 +	0.2	0.2	0.1 -	0.2	0.2
Jahr	2007	2013	2009	2006	2015	2013	2013	2007	2006	2006	2007	2006	2006
Periode	Mittel	10.3 °C		Maximum	11.0 (09.Aug 2007)		Minimum	9.5 (11.Apr 2006)		Amplitude	1.5 °C		

Darstellung der letzten 12 Jahre

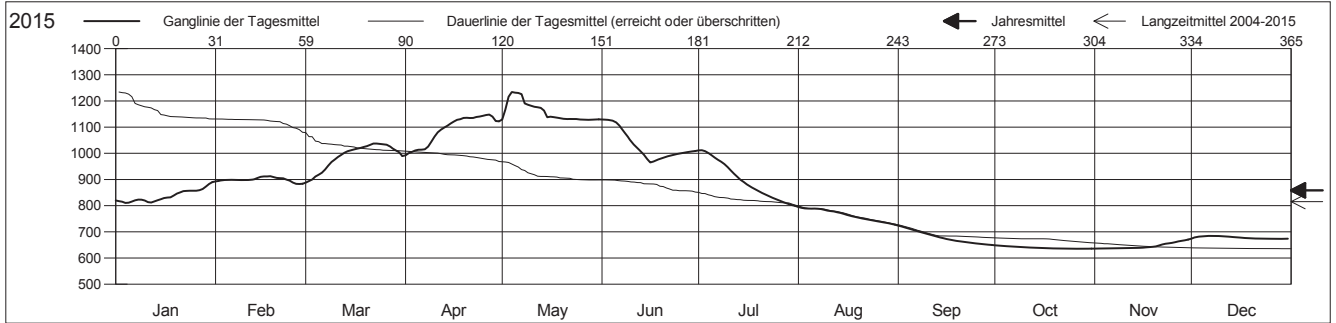


Leitfähigkeit

Birstal
 Muttentz 21.J.01 Asprain
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	820	893	888 -	992 -	1129	1129 +	1011	795 +	724 +	649 +	636 -	674	1
2	817	894	894	1001	1167	1129 +	1012 +	792	720	648	636 -	678	2
3	815	898	900	1006	1216	1127	1008	790	717	647	636 -	681	3
4	810 -	898	911	1011	1234 +	1126	1001	789	714	646	637	683	4
5	811	898	918	1014	1232	1121	993	789	710	644	637	684 +	5
6	816	898	926	1014	1230	1111	984	789	706	644	637	684 +	6
7	820	898	938	1015	1226	1096	975	788	703	643	637	684 +	7
8	823	898	953	1026	1191	1079	968	787	699	643	637	684 +	8
9	823	898	967	1045	1186	1064	959	784	695	642	637	684 +	9
10	820	898	976	1064	1182	1047	948	781	692	642	638	684 +	10
11	814	898	986	1080	1178	1032	934	779	689	641	638	683	11
12	812	898	994	1091	1176	1019	922	778	686	640	638	683	12
13	816	901	1002	1098	1174	1008	910	775	682	639	639	681	13
14	821	906	1008	1105	1163	995	899	772	679	639	639	680	14
15	825	910	1011	1114	1138	978	891	769	676	638	639	679	15
Max. +	829	912	1015	1121	1140	965 -	881	765	673	638	640	678	16
17	831	912	1018	1128	1138	969	874	761	671	637	641	677	17
18	832	913 +	1020	1130	1136	974	868	758	668	637	642	677	18
19	839	909	1024	1135	1135	979	859	756	665	637	643	675	19
20	846	906	1027	1136	1131	983	852	754	664	636 -	644	675	20
Min. -	851	905	1032	1135	1132	987	846	752	662	636 -	648	675	21
22	856	904	1037 +	1135	1131	991	841	748	661	636 -	652	674	22
23	856	899	1037 +	1139	1131	994	835	746	659	636 -	654	674	23
24	857	896	1036	1141	1131	996	831	743	657	636 -	656	673 -	24
25	857	888	1035	1143	1130	999	825	741	656	636 -	658	674	25
26	857	883 -	1033	1146	1128 -	1001	819	739	655	636 -	660	673 -	26
27	859	883 -	1027	1148 +	1129	1003	815	737	653	636 -	663	673 -	27
28	864	884	1018	1140	1128 -	1005	810	735	652	636 -	666	673 -	28
29	873	884	1011	1124	1129	1007	806	733	651	636 -	668	673 -	29
30	883	884	1004	1122	1129	1009	802	730	650 -	636 -	670 +	673 -	30
31	890 +	884	990	1130	1130	1000	799 -	727 -	636 -	636 -	674	674	31
Monatsumme	837	899	988	1090	1159 +	1031	896	764	680	639 -	645	678	
Maximum	892	915	1039	1149	1236 +	1130	1013	799	727	651 -	672	686	
Datum	31.01	18.02	22.03	27.04	04.05	01.06	01.07	01.08	01.09	02.10	30.11	07.12	
Minimum	808	879	886	983	1125 +	959	796	724	649	635 -	635 -	672	
Datum	04.01	26.02	01.03	01.04	01.05	16.06	31.07	31.08	30.09	20.10	01.11	01.12	
Amplitude	84	36	153	166	111	171	217	75	78	16	37	14	
Jahr 2015	Mittel	858 µs/cm	Maximum	1236 (04.May)	Minimum	635 (20.Oct)	Amplitude	601 µs/cm					



Periode	2004 - 2015												
Monatsumme	819	846	902	945 +	938	873	795	751	732	703 -	721	761	
Maximum	1117	1123	1068	1149	1236 +	1171	1169	1072	1041	1043	906 -	1122	
Jahr	2013	2013	2007	2015	2015	2013	2013	2007	2007	2006	2012	2012	
Minimum	680	703	716	720 +	672	619	618	587 -	587 -	597	601	609	
Jahr	2006	2006	2008	2012	2011	2011	2011	2010	2011	2008	2009	2011	
Amplitude	158	241	247	322	313	239	274	356 +	194	208	131 -	244	
Jahr	2004	2013	2006	2008	2010	2005	2013	2007	2014	2007	2006	2012	
Periode	Mittel	815 µs/cm	Maximum	1236 (04.May 2015)	Minimum	587 (15.Aug 2010)	Amplitude	649 µs/cm					

