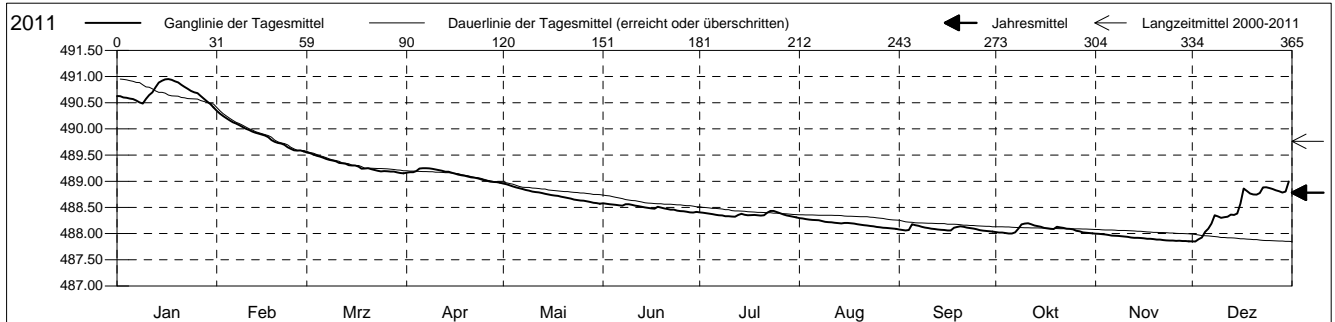


Grundwasserstände

Frenketal
Oberdorf 92.J.02 Sekundarschule
Abstichpunkt: 499.66 m ü.M.
OK Terrain: 500.26 m ü.M.

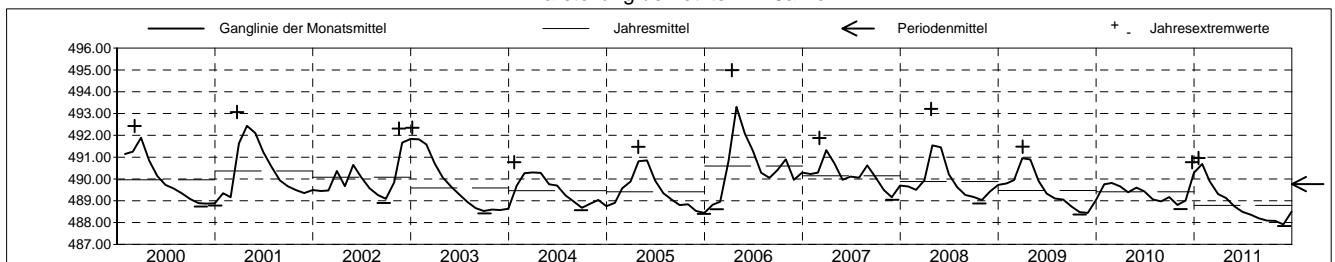
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
Koordinaten: 0.00 / 0.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	490.63	490.35 +	489.55 +	489.16	488.96 +	488.58 +	488.40	488.30 +	488.08	488.03	488.00 +	487.85 -	1
2	490.62	490.29	489.54	489.17	488.94	488.57	488.40	488.29	488.07	488.02	487.99	487.85 -	2
3	490.60	490.25	489.51	489.17	488.92	488.56	488.39	488.28	488.06	488.02	487.99	487.89	3
4	490.59	490.20	489.49	489.19	488.90	488.55	488.38	488.27	488.07	488.01	487.98	487.92	4
5	490.58	490.16	489.47	489.24	488.88	488.55	488.37	488.26	488.18 +	488.00 -	487.97	488.03	5
Tagesmittel													
6	490.57	490.13	489.45	489.25 +	488.87	488.54	488.36	488.26	488.16	488.00 -	487.96	488.09	6
7	490.54	490.10	489.43	489.25 +	488.85	488.53	488.35	488.25	488.15	488.02	487.96	488.19	7
8	490.51	490.07	489.41	489.24	488.83	488.56	488.35	488.24	488.13	488.09	487.96	488.35	8
9	490.48	490.04	489.40	489.24	488.82	488.56	488.33	488.22	488.11	488.17	487.95	488.33	9
10	490.57	490.00	489.38	489.22	488.80	488.55	488.33	488.22	488.10	488.19	487.94	488.30	10
11	490.65	489.98	489.35	489.21	488.79	488.54	488.33	488.22	488.09	488.20 +	487.94	488.31	11
12	490.70	489.95	489.34	489.20	488.79	488.53	488.32	488.21	488.09	488.18	487.92	488.32	12
13	490.80	489.93	489.34	489.18	488.77	488.51	488.36	488.20	488.08	488.16	487.92	488.36	13
14	490.89	489.91	489.31	489.18	488.76	488.50	488.38	488.19	488.07	488.14	487.92	488.36	14
15	490.92	489.89	489.30	489.16	488.75	488.49	488.36	488.20	488.07	488.13	487.92	488.39	15
Max. +													
16	490.95 +	489.87	489.30	489.14	488.73	488.48	488.35	488.20	488.06	488.11	487.91	488.57	16
17	490.95 +	489.84	489.28	489.13	488.73	488.48	488.35	488.20	488.06	488.10	487.90	488.86	17
18	490.94	489.79	489.24	489.11	488.72	488.51	488.36	488.19	488.11	488.09	487.90	488.81	18
19	490.91	489.75	489.24	489.11	488.70	488.50	488.35	488.18	488.13	488.09	487.90	488.77	19
20	490.89	489.73	489.25	489.09	488.69	488.48	488.34	488.17	488.14	488.13	487.89	488.75	20
Min. -													
21	490.84	489.72	489.23	489.08	488.68	488.47	488.35	488.16	488.13	488.12	487.89	488.74	21
22	490.80	489.70	489.21	489.07	488.67	488.46	488.40	488.15	488.12	488.11	487.88	488.78	22
23	490.77	489.65	489.20	489.06	488.65	488.46	488.43 +	488.15	488.11	488.09	487.87	488.88	23
24	490.72	489.62	489.19	489.04	488.64	488.44	488.43 +	488.14	488.10	488.09	487.87	488.89	24
25	490.70	489.59	489.19	489.02	488.63	488.43	488.41	488.13	488.08	488.08	487.87	488.87	25
26	490.68	489.59	489.19	489.01	488.63	488.43	488.39	488.12	488.07	488.05	487.86	488.85	26
27	490.63	489.59	489.18	488.99	488.62	488.42	488.37	488.11	488.06	488.05	487.86	488.83	27
28	490.57	489.57 -	489.18	488.99	488.60	488.41	488.35	488.11	488.05	488.02	487.86	488.81	28
29	490.52		489.17	488.98	488.59	488.40 -	488.33	488.10	488.04 -	488.02	487.86	488.78	29
30	490.47		489.16	488.97 -	488.58	488.41	488.32	488.10	488.04 -	488.01	487.85 -	488.80	30
31	490.41 -		489.15 -		488.57 -		488.31 -	488.09 -		488.00 -		489.00 +	31
Monatsmittel	490.69 +	489.90	489.31	489.13	488.74	488.50	488.36	488.19	488.09	488.08	487.92 -	488.50	
Maximum	490.96 +	490.37	489.56	489.26	488.96	488.58	488.45	488.30	488.19	488.21	488.00 -	489.27	
Datum	17.01	01.02	01.03	05.04	01.05	01.06	23.07	01.08	05.09	10.10	01.11	31.12	
Amplitude	0.59	0.82	0.41	0.30	0.39	0.19	0.15	0.22	0.16	0.21	0.15	1.43	
Jahr 2011	Mittel	488.78 m ü.M.			Maximum	490.96 (17.Jan)		Minimum	487.84 (02.Dez)			Amplitude	3.12 m



Periode	2000 - 2011												
Monatsmittel	489.94	489.98	490.56	490.76 +	490.41	489.90	489.48	489.28	489.13	489.11 -	489.16	489.46	
Maximum	492.35	492.03	493.07	494.99 +	492.89	491.76	490.81 -	491.51	491.51	491.42	492.31	492.14	
Jahr	2003	2003	2001	2006 +	2006	2006	2001	2007	2006	2006	2002	2002	
Minimum	488.61	488.61	489.01 +	488.96	488.57	488.39	488.30	488.08	488.03	488.00	487.85	487.84 -	
Jahr	2004	2006	2001	2011	2011	2011	2011	2011	2011	2011	2011	2011	
Amplitude	2.16	1.27	4.06 +	3.70	2.00	1.04	0.80 -	1.74	1.69	1.10	2.12	1.71	
Jahr	2004	2000	2001	2006	2008	2006	2006	2007	2006	2002	2002	2010	
Periode	Mittel	489.76 m ü.M.			Maximum	494.99 (12.Apr 2006)		Minimum	487.84 (02.Dez 2011)			Amplitude	7.15 m

Darstellung der letzten 12 Jahre



Grundwassertemperatur

Frenketal

Oberdorf

Abstichpunkt:

OK Terrain:

92.J.02

499.66

500.26

Sekundarschule

m ü.M.

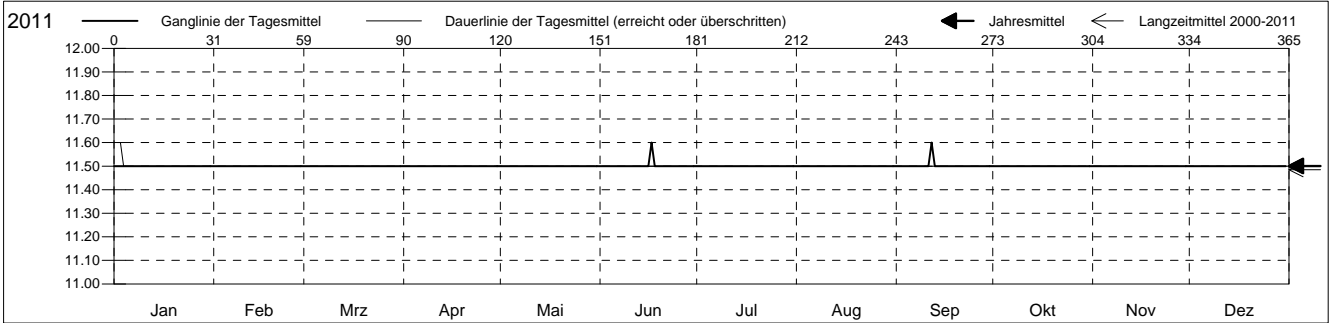
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

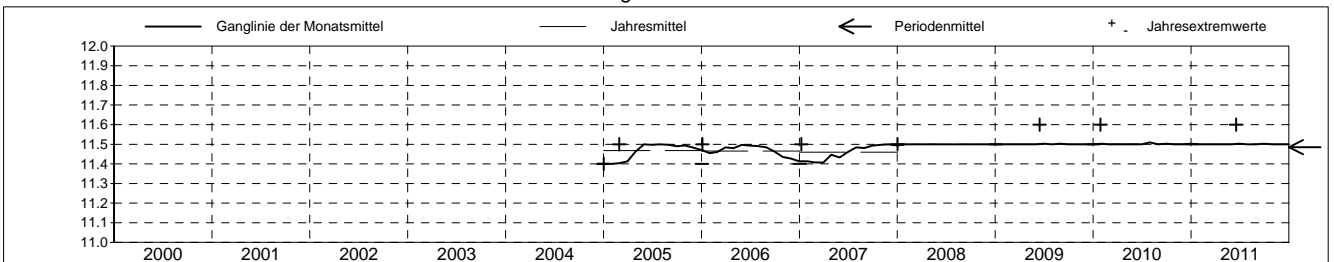
Koordinaten: 0.00 / 0.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	1
2	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	2
3	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	3
4	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	4
5	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	5
6	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	6
7	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	7
8	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	8
9	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	9
10	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	10
11	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	11
12	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.6 +	11.5 +	11.5 +	11.5 +	12
13	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	13
14	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	14
15	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	15
16	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	16
17	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.6 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	17
18	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	18
19	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	19
20	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	20
21	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	21
22	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	22
23	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	23
24	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	24
25	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	25
26	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	26
27	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	27
28	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	28
29	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	29
30	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	30
31	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 -	11.5 +	11.5 +	11.5 +	31
Monatsmittel	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	
Maximum	11.5 -	11.5 -	11.5 -	11.5 -	11.5 -	11.6 +	11.5 -	11.5 -	11.6 +	11.5 -	11.5 -	11.5 -	
Datum	01.01	01.02	01.03	01.04	01.05	17.06	01.07	01.08	12.09	01.10	01.11	01.12	
Minimum	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.0 +	0.0 +	0.0 +	0.0 +	0.0 +	0.1	0.0 +	0.0 +	0.1	0.0 +	0.0 +	0.0 +	
Jahr 2011	Mittel	11.5 °C		Maximum	11.6 (17.Jun)		Minimum	11.5 (01.Jan)		Amplitude	0.1 °C		



Periode	2000 - 2011												
Monatsmittel	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +	11.5 +
Maximum	11.6 +	11.5 -	11.5 -	11.5 -	11.5 -	11.6 +	11.6 +	11.6 +	11.6 +	11.5 -	11.5 -	11.6 +	
Jahr	2010	2005	2005	2005	2005	2009	2010	2009	2010	2005	2005	2010	
Minimum	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	11.4 +	
Jahr	2005	2005	2005	2005	2006	2005	2006	2005	2005	2005	2005	2005	
Amplitude	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	0.1 +	
Jahr	2006	2005	2005	2005	2006	2005	2006	2005	2005	2005	2005	2005	
Periode	Mittel	11.5 °C		Maximum	11.6 (14.Jun 2009)		Minimum	11.4 (31.Dez 2004)		Amplitude	0.2 °C		

Darstellung der letzten 12 Jahre



Leitfähigkeit

Frenketal

Oberdorf

Abstichpunkt:

OK Terrain:

92.J.02

499.66

500.26

Sekundarschule

m ü.M.

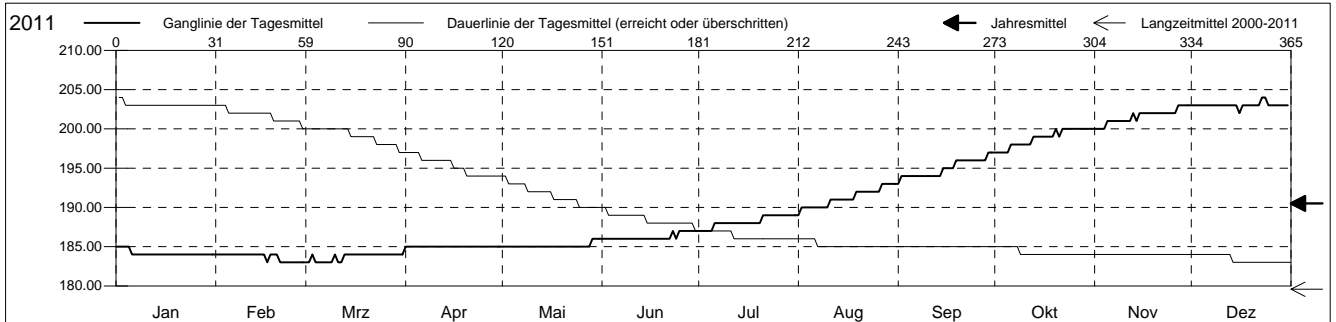
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 0.00 / 0.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	185 +	184 +	183 -	185 +	185 -	186 -	187 -	189 -	193 -	197 -	200 -	203	1
2	185 +	184 +	183 -	185 +	185 -	186 -	187 -	190	194	197 -	200 -	203	2
3	185 +	184 +	184 +	185 +	185 -	186 -	187 -	190	194	197 -	200 -	203	3
4	185 +	184 +	183 -	185 +	185 -	186 -	187 -	190	194	197 -	200 -	203	4
5	185 +	184 +	183 -	185 +	185 -	186 -	187 -	190	194	197 -	201	203	5
Tagesmittel													
6	184 -	184 +	183 -	185 +	185 -	186 -	188	190	194	198	201	203	6
7	184 -	184 +	183 -	185 +	185 -	186 -	188	190	194	198	201	203	7
8	184 -	184 +	183 -	185 +	185 -	186 -	188	190	194	198	201	203	8
9	184 -	184 +	183 -	185 +	185 -	186 -	188	190	194	198	201	203	9
10	184 -	184 +	184 +	185 +	185 -	186 -	188	190	194	198	201	203	10
11	184 -	184 +	183 -	185 +	185 -	186 -	188	191	194	198	201	203	11
12	184 -	184 +	183 -	185 +	185 -	186 -	188	191	194	198	201	203	12
13	184 -	184 +	184 +	185 +	185 -	186 -	188	191	194	199	202	203	13
14	184 -	184 +	184 +	185 +	185 -	186 -	188	191	194	199	201	203	14
15	184 -	184 +	184 +	185 +	185 -	186 -	188	191	195	199	202	203	15
Max. +													
16	184 -	184 +	184 +	185 +	185 -	186 -	188	191	195	199	202	202 -	16
17	184 -	183 -	184 +	185 +	185 -	186 -	188	191	195	199	202	203	17
18	184 -	184 +	184 +	185 +	185 -	186 -	188	191	195	199	202	203	18
19	184 -	184 +	184 +	185 +	185 -	186 -	188	192	196	199	202	203	19
20	184 -	184 +	184 +	185 +	185 -	186 -	188	192	196	200 +	202	203	20
Min. -													
21	184 -	183 -	184 +	185 +	185 -	186 -	189 +	192	196	199	202	203	21
22	184 -	183 -	184 +	185 +	185 -	186 -	189 +	192	196	200 +	202	203	22
23	184 -	183 -	184 +	185 +	185 -	187 +	189 +	192	196	200 +	202	204 +	23
24	184 -	183 -	184 +	185 +	185 -	186 -	189 +	192	196	200 +	202	204 +	24
25	184 -	183 -	184 +	185 +	185 -	187 +	189 +	192	196	200 +	202	203	25
26	184 -	183 -	184 +	185 +	185 -	187 +	189 +	192	196	200 +	202	203	26
27	184 -	183 -	184 +	185 +	185 -	187 +	189 +	193 +	196	200 +	203 +	203	27
28	184 -	183 -	184 +	185 +	185 -	187 +	189 +	193 +	196	200 +	203 +	203	28
29	184 -		184 +	185 +	186 +	187 +	189 +	193 +	197 +	200 +	203 +	203	29
30	184 -		184 +	185 +	186 +	187 +	189 +	193 +	197 +	200 +	203 +	203	30
31	184 -		184 +		186 +		189 +	193 +		200 +		203	31
Monatsmittel	184 -	184 -	184 -	185	185	186	188	191	195	199	202	203 +	
Maximum	185	184 -	184 -	185	186	187	189	193	197	200	203	204 +	
Datum	01.01	01.02	03.03	01.04	29.05	23.06	21.07	27.08	29.09	20.10	27.11	23.12	
Minimum	184	183 -	183 -	185	185	186	187	189	193	197	200	202 +	
Datum	06.01	17.02	01.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	16.12	
Amplitude	1	1	1	0 +	1	1	2	4	4	3	3	2	
Jahr 2011	Mittel	191 µs/cm	Maximum	204 (23.Dez)	Minimum	183 (17.Feb)	Amplitude	21 µs/cm					



Periode	2000 - 2011												
Monatsmittel	179	177 -	178	178	178	178	180	180	180	182 +	182 +	182 +	
Maximum	185	184 -	184 -	185	186	187	189	193	197	200	203	204 +	
Jahr	2011	2011	2011	2011	2011	2006	2011	2011	2011	2011	2011	2011	
Minimum	171 +	161 -	165	167	167	168	168	168	167	169	170	170	
Jahr	2006	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	
Amplitude	2	5	4	2	1 -	17 +	2	4	4	6	3	2	
Jahr	2009	2009	2006	2006	2005	2006	2011	2011	2011	2009	2011	2006	
Periode	Mittel	180 µs/cm	Maximum	204 (23.Dez 2011)	Minimum	161 (10.Feb 2005)	Amplitude	43 µs/cm					

Darstellung der letzten 12 Jahre

