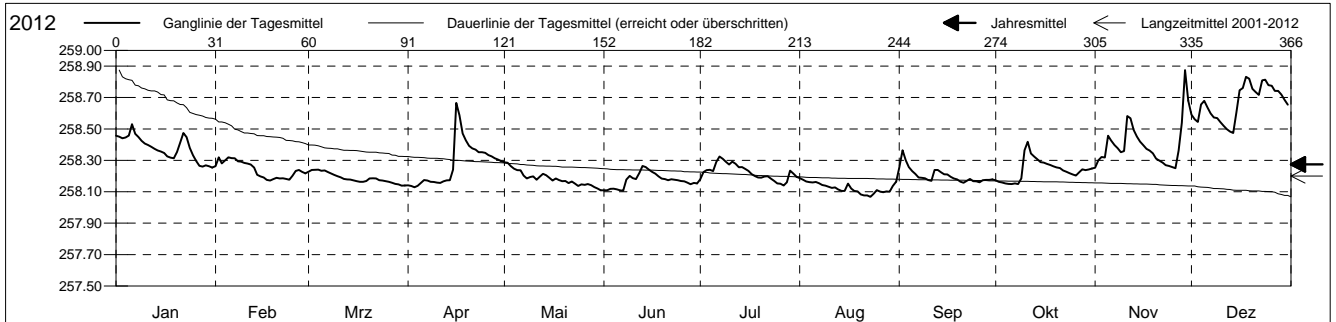


Grundwasserstände

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

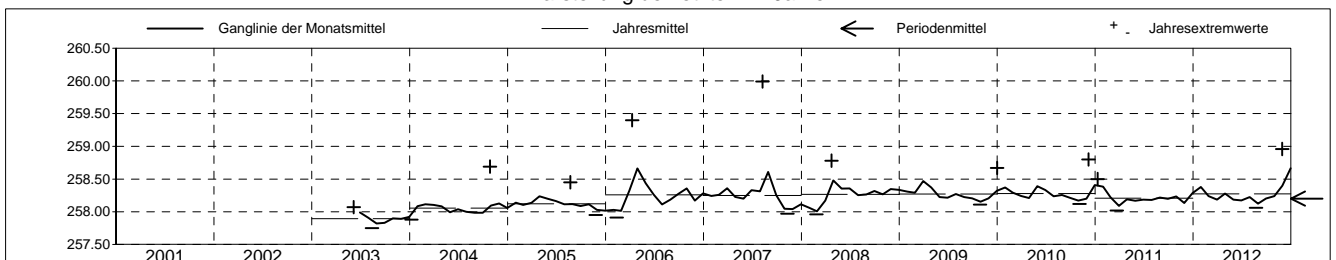
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	258.46	258.26	258.23	258.14	258.29 +	258.11 -	258.18	258.19 +	258.25	258.17	258.25 -	258.59	1
2	258.45	258.32 +	258.24 +	258.14	258.28	258.11 -	258.22	258.18	258.36 +	258.16	258.30	258.56	2
3	258.44	258.28	258.24 +	258.13 -	258.26	258.12	258.24	258.16	258.30	258.16	258.32	258.54	3
4	258.45	258.30	258.24 +	258.14	258.25	258.12	258.24	258.16	258.26	258.15 -	258.32	258.66	4
5	258.46	258.32 +	258.23	258.16	258.24	258.12	258.23	258.16	258.23	258.15 -	258.46	258.68	5
6	258.53 +	258.31	258.24 +	258.17	258.24	258.11 -	258.29	258.16	258.21	258.15 -	258.43	258.63	6
7	258.47	258.31	258.23	258.17	258.20	258.11 -	258.32 +	258.15	258.19	258.15 -	258.40	258.60	7
8	258.45	258.29	258.22	258.16	258.18	258.18	258.31	258.14	258.19	258.15 -	258.38	258.57	8
9	258.42	258.29	258.21	258.16	258.19	258.20	258.29	258.14	258.19	258.18	258.35	258.57	9
10	258.41	258.28	258.20	258.16	258.20	258.19	258.27	258.13	258.17	258.36	258.36	258.54	10
11	258.40	258.28	258.19	258.16	258.18	258.18	258.29	258.12	258.17	258.42 +	258.58	258.52	11
12	258.39	258.27	258.18	258.17	258.20	258.22	258.28	258.13	258.24	258.34	258.57	258.50	12
13	258.37	258.25	258.18	258.17	258.21	258.26 +	258.26	258.11	258.24	258.32	258.49	258.48	13
14	258.36	258.21	258.18	258.17	258.21	258.26 +	258.26	258.11	258.22	258.31	258.45	258.47 -	14
15	258.36	258.20	258.17	258.24	258.19	258.24	258.25	258.11	258.21	258.29	258.42	258.61	15
16	258.35	258.19	258.17	258.67 +	258.17	258.23	258.23	258.15	258.21	258.29	258.40	258.75	16
17	258.33	258.18	258.16	258.59	258.18	258.22	258.21	258.12	258.20	258.28	258.37	258.76	17
18	258.32	258.17 -	258.16	258.47	258.17	258.20	258.20	258.11	258.19	258.27	258.36	258.83 +	18
19	258.31	258.18	258.17	258.43	258.17	258.18	258.19	258.10	258.18	258.26	258.34	258.82	19
20	258.35	258.19	258.18	258.39	258.17	258.18	258.19	258.08	258.16 -	258.26	258.31	258.75	20
21	258.41	258.18	258.19	258.38	258.16	258.17	258.20	258.08	258.16 -	258.25	258.30	258.74	21
22	258.47	258.19	258.18	258.37	258.17	258.18	258.20	258.08	258.17	258.24	258.29	258.72	22
23	258.45	258.18	258.17	258.35	258.15	258.18	258.18	258.07 -	258.18	258.23	258.27	258.81	23
24	258.38	258.18	258.17	258.35	258.14	258.17	258.17	258.09	258.17	258.22	258.26	258.81	24
25	258.33	258.20	258.17	258.35	258.15	258.17	258.15	258.11	258.17	258.21	258.26	258.78	25
26	258.30	258.23	258.16	258.33	258.14	258.17	258.15	258.10	258.16 -	258.20	258.25 -	258.78	26
27	258.27	258.24	258.16	258.33	258.15	258.16	258.14 -	258.10	258.17	258.22	258.36	258.74	27
28	258.26	258.23	258.15	258.31	258.14	258.15	258.16	258.10	258.18	258.24	258.54	258.74	28
29	258.27	258.22	258.15	258.31	258.13	258.16	258.23	258.10	258.18	258.24	258.87 +	258.72	29
30	258.26		258.14 -	258.29	258.12	258.15	258.22	258.14	258.18	258.24	258.68	258.69	30
31	258.25 -		258.14 -		258.11 -		258.19	258.16		258.25		258.65	31
Monatsmittel	258.38	258.24	258.19	258.28	258.18	258.17	258.22	258.12 -	258.20	258.24	258.40	258.67 +	
Maximum Datum	258.55 06.01	258.33 02.02	258.27 04.03	258.77 16.04	258.32 01.05	258.29 13.06	258.35 07.07	258.21 01.08	258.40 02.09	258.50 10.10	258.96 + 29.11	258.88 23.12	
Amplitude	0.31	0.18	0.14	0.65	0.21	0.19	0.22	0.15	0.25	0.37	0.73	0.42	
Jahr 2012 Mittel	258.27 m ü.M.		Maximum 258.96 (29.Nov)		Minimum 258.06 (23.Aug)		Amplitude 0.90 m						



Periode	2001 - 2012												
Monatsmittel	258.22	258.17	258.23	258.30 +	258.24	258.20	258.16	258.18	258.16	258.16	258.15 -	258.24	
Maximum Jahr	258.66 2010	258.44 2010	258.79 2006	259.40 2006	258.60 2006	258.59 2007	258.40 - 2009	259.99 + 2007	259.02 2006	258.71 2006	258.96 2012	258.88 2012	
Minimum Jahr	257.88 2004	257.91 2006	257.96 2008	257.98 + 2004	257.94 2004	257.90 2003	257.82 2003	257.75 - 2003	257.77 2003	257.78 2003	257.83 2003	257.85 2003	
Amplitude Jahr	0.44 2004	0.26 2005	0.75 2006	1.00 2006	0.37 2010	0.36 2007	0.22 - 2012	1.77 + 2007	0.92 2006	0.75 2004	0.73 2012	0.65 2010	
Periode Mittel	258.20 m ü.M.		Maximum 259.99 (09.Aug 2007)		Minimum 257.75 (14.Aug 2003)		Amplitude 2.24 m						

Darstellung der letzten 12 Jahre

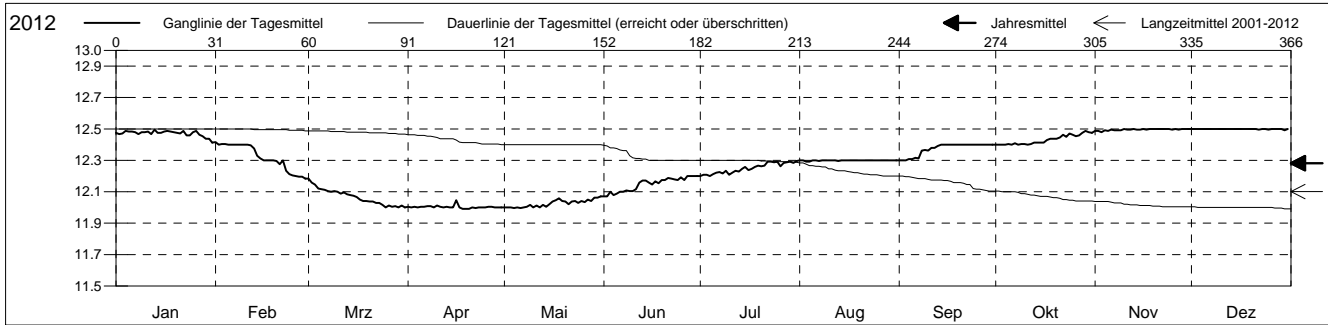


Grundwassertemperatur

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

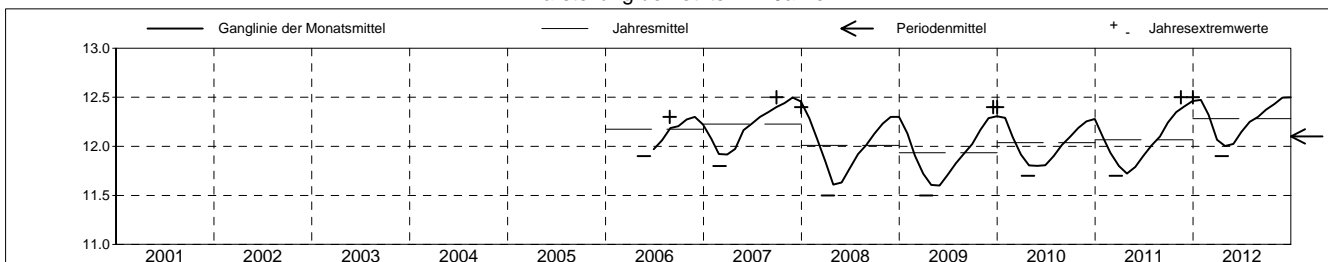
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
Koordinaten: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.5 +	12.4 +	12.2 +	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	1
2	12.5 +	12.4 +	12.2 +	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	2
3	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	3
4	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	4
5	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	5
Tagesmittel													
6	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	6
7	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.3 -	12.4 -	12.5 +	12.5 +	7
8	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	8
9	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	9
10	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	10
11	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	11
12	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.2 +	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	12
13	12.5 +	12.4 +	12.1	12.0 +	12.0 -	12.2 +	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	13
14	12.5 +	12.3	12.1	12.0 +	12.0 -	12.2 +	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	14
15	12.5 +	12.3	12.1	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	15
Max. +													
16	12.5 +	12.3	12.1	12.0 +	12.0 -	12.1 -	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	16
17	12.5 +	12.3	12.1	12.0 +	12.0 -	12.2 +	12.2 -	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	17
18	12.5 +	12.3	12.0 -	12.0 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	18
19	12.5 +	12.3	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	19
20	12.5 +	12.3	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	20
Min. -													
21	12.5 +	12.3	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	21
22	12.5 +	12.3	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	22
23	12.5 +	12.2 -	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.4 -	12.5 +	12.5 +	23
24	12.5 +	12.2 -	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	24
25	12.5 +	12.2 -	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	25
26	12.5 +	12.2 -	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	26
27	12.5 +	12.2 -	12.0 -	12.0 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	27
28	12.5 +	12.2 -	12.0 -	12.0 +	12.0 -	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	28
29	12.4 -	12.2 -	12.0 -	12.0 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	29
30	12.4 -	12.2 -	12.0 -	12.0 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	30
31	12.4 -	12.2 -	12.0 -	12.1 +	12.1 +	12.2 +	12.3 +	12.3 +	12.4 +	12.5 +	12.5 +	12.5 +	31
Monatsmittel	12.5 +	12.3	12.1	12.0 -	12.0 -	12.1	12.2	12.3	12.4	12.4	12.5 +	12.5 +	
Maximum	12.5 +	12.5 +	12.2	12.1 -	12.1 -	12.2	12.3	12.3	12.4	12.5 +	12.5 +	12.5 +	
Datum	01.01	01.02	01.03	01.04	08.05	08.06	02.07	01.08	04.09	05.10	01.11	01.12	
Minimum	12.4 +	12.1	12.0	11.9 -	11.9 -	12.0	12.2	12.2	12.3	12.4 +	12.4 +	12.4 +	
Datum	01.01	27.02	07.03	17.04	04.05	01.06	01.07	03.08	01.09	01.10	01.11	22.12	
Amplitude	0.1	0.4	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
Jahr 2012	Mittel	12.3 °C		Maximum	12.5 (01.Jan)		Minimum	11.9 (17.Apr)		Amplitude	0.6 °C		



Periode	2001 - 2012												
Monatsmittel	12.2	12.0	11.9	11.8 -	11.8 -	11.9	12.0	12.1	12.2	12.3	12.4 +	12.4 +	
Maximum	12.5 +	12.5 +	12.2	12.1 -	12.3	12.3	12.3	12.4	12.5 +	12.5 +	12.5 +	12.5 +	
Jahr	2012	2012	2012	2007	2007	2007	2007	2007	2007	2007	2007	2007	
Minimum	11.9	11.8	11.6	11.5 -	11.5 -	11.6	11.7	11.8	11.9	12.1	12.2 +	12.1	
Jahr	2007	2009	2008	2008	2008	2008	2009	2009	2009	2009	2006	2006	
Amplitude	0.3	0.4 +	0.4 +	0.2 -	0.3	0.3	0.3	0.2 -	0.2 -	0.2 -	0.2 -	0.2 -	
Jahr	2007	2010	2008	2007	2007	2008	2006	2006	2009	2009	2008	2006	
Periode	Mittel	12.1 °C		Maximum	12.5 (30.Sep 2007)		Minimum	11.5 (09.Apr 2008)		Amplitude	1.0 °C		

Darstellung der letzten 12 Jahre

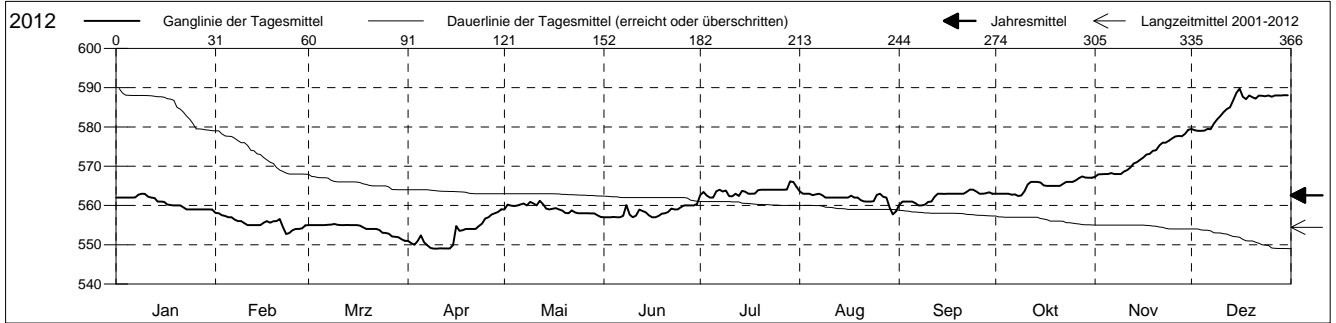


Leitfähigkeit

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: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	562	558 +	555 +	551	559	557 -	563	564 +	560 -	563	567 -	580	1
2	562	558 +	555 +	550	560	557 -	563	563	561	563	568	579 -	2
3	562	558 +	555 +	550	560	557 -	563	563	561	563	568	579 -	3
4	562	557	555 +	551	560	557 -	562 -	563	561	563	568	579 -	4
5	562	557	555 +	552	560	557 -	562 -	563	561	563	568	579 -	5
Tagesmittel													
6	562	557	555 +	551	560	557 -	564	563	561	563	568	580	6
7	562	556	555 +	550	561 +	557 -	564	563	560 -	563	568	579 -	7
8	563 +	556	555 +	549 -	560	560 +	564	563	560 -	562 -	568	581	8
9	563 +	556	555 +	549 -	561 +	558	564	562	560 -	563	568	582	9
10	563 +	556	555 +	549 -	561 +	557 -	562 -	562	561	564	569	583	10
11	562	555	555 +	549 -	560	557 -	562 -	562	561	565	569	584	11
12	562	555	555 +	549 -	561 +	559	563	562	562	566	570	585	12
13	562	555	555 +	549 -	560	559	562 -	562	563	566	571	585	13
14	561	555	555 +	549 -	559	558	564	562	563	566	571	587	14
15	561	555	555 +	550	559	558	564	562	563	566	572	589	15
Max. +													
16	561	556	555 +	555	559	557 -	563	562	563	565	572	590 +	16
17	560	556	555 +	554	559	557 -	563	563	563	565	573	588	17
18	560	556	554	554	559	557 -	563	562	563	565	573	587	18
19	560	556	554	554	559	558	564	562	563	565	574	588	19
20	560	556	554	554	558	558	564	561	563	565	574	588	20
Min. -													
21	560	557	554	554	558	558	564	561	563	565	575	587	21
22	560	555	554	554	559	559	564	561	563	566	576	588	22
23	559 -	553 -	554	555	558	559	564	561	564 +	566	576	588	23
24	559 -	553 -	553	555	558	559	564	561	564 +	566	577	588	24
25	559 -	554	553	557	558	560 +	564	563	564 +	566	577	588	25
26	559 -	554	553	557	558	560 +	564	563	563	566	578	588	26
27	559 -	554	552	558	558	560 +	564	562	563	567 +	578	588	27
28	559 -	554	552	558	558	560 +	564	562	563	567 +	578	588	28
29	559 -	555	552	558	558	560 +	566 +	560	563	567 +	578	588	29
30	559 -		551 -	559 +	558	560 +	566 +	558 -	563	567 +	579 +	588	30
31	559 -		551 -		557 -		565	559		567 +		588	31
Monatsmittel	561	556	554	553 -	559	558	564	562	562	565	572	585 +	
Maximum	563	559	556 -	559	562	562	567	564	565	568	581	591 +	
Datum	07.01	01.02	07.03	29.04	09.05	08.06	29.07	01.08	23.09	28.10	30.11	15.12	
Minimum	558	552	551	549 -	557	557	560	557	559	562	567	579 +	
Datum	31.01	23.02	29.03	07.04	28.05	01.06	01.07	30.08	01.09	06.10	01.11	01.12	
Amplitude	5	7	5	10	5	5	7	7	6	6	14	12	
Jahr 2012	Mittel	563 µs/cm		Maximum	591 (15.Dez)		Minimum	549 (07.Apr)		Amplitude	42 µs/cm		



Periode	2001 - 2012												
Monatsmittel	557	557	555	549 -	549 -	552	553	556	555	555	556	560 +	
Maximum	571	573	568	563 -	566	563 -	567	612 +	575	576	581	591	
Jahr	2011	2007	2007	2007	2006	2011	2012	2007	2006	2006	2012	2012	
Minimum	543 +	542	539	534	528	531	525 -	532	531	536	539	538	
Jahr	2008	2008	2008	2009	2009	2009	2008	2008	2008	2008	2008	2008	
Amplitude	13	11 -	13	19	11 -	12	14	61 +	15	15	14	19	
Jahr	2009	2009	2011	2009	2010	2009	2008	2007	2007	2006	2012	2008	
Periode	Mittel	554 µs/cm		Maximum	612 (10.Aug 2007)		Minimum	525 (20.Jul 2008)		Amplitude	87 µs/cm		

Darstellung der letzten 12 Jahre

