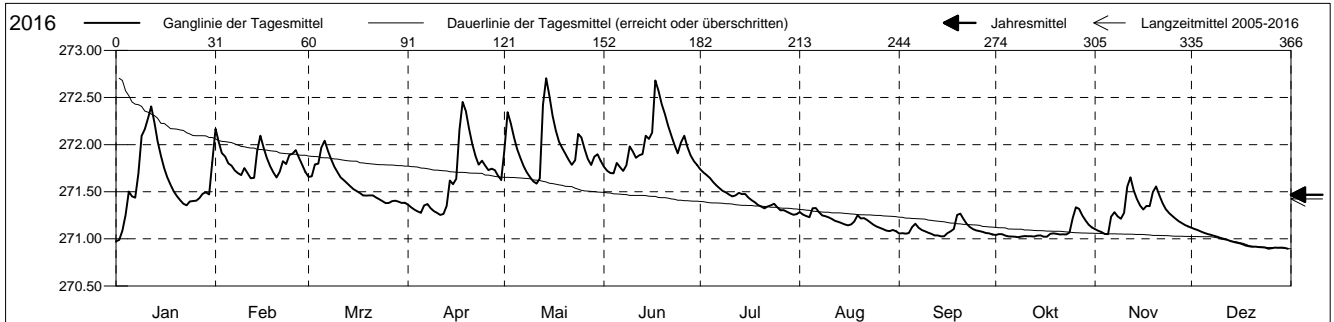


**Grundwasserstände**

Birstal  
 Arlesheim 13.C.10 Widen  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

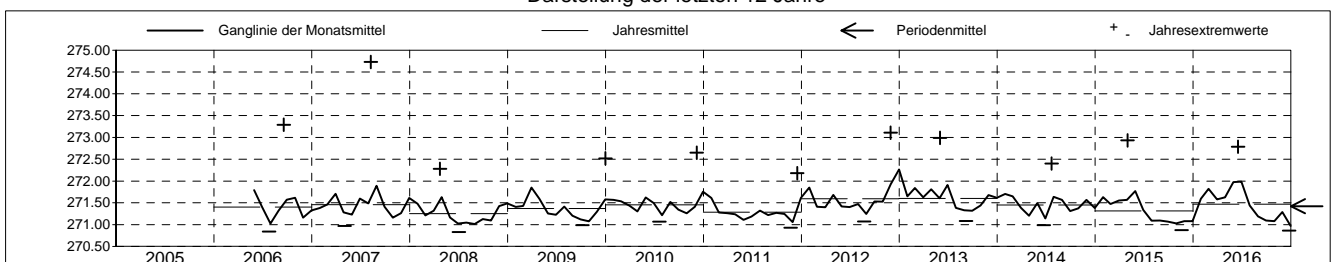
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2016	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	270.97 -	272.17 +	271.66	271.36	271.95	271.76	271.74 +	271.28	271.06	271.04	271.10	271.12 +	1
2	270.99	272.03	271.66	271.33	272.34	271.72	271.70	271.26	271.06	271.05	271.08	271.11	2
3	271.09	271.91	271.79	271.31	272.23	271.70 -	271.68	271.24	271.06	271.05	271.07	271.09	3
4	271.26	271.87	271.80	271.29	272.08	271.70 -	271.65	271.23	271.06	271.03	271.05 -	271.08	4
5	271.50	271.80	271.97	271.28	271.95	271.81	271.60	271.33 +	271.13	271.03	271.05 -	271.06	5
Tagesmittel													
6	271.45	271.78	272.04 +	271.35	271.85	271.76	271.57	271.33 +	271.16	271.03	271.24	271.05	6
7	271.44	271.73	271.94	271.37	271.77	271.72	271.54	271.28	271.12	271.02 -	271.28	271.04	7
8	271.70	271.70	271.85	271.32	271.71	271.78	271.51	271.25	271.09	271.02 -	271.24	271.03	8
9	272.09	271.68	271.77	271.29	271.65	271.98	271.49	271.24	271.08	271.02 -	271.21	271.02	9
10	272.16	271.75	271.71	271.28	271.61	271.93	271.47	271.23	271.07	271.03	271.28	271.01	10
11	272.28	271.70	271.65	271.25 -	271.59 -	271.86	271.45	271.21	271.05	271.03	271.55	271.00	11
12	272.41 +	271.64 -	271.62	271.26	271.64	271.89	271.46	271.19	271.04	271.03	271.65 +	270.99	12
13	272.23	271.65	271.59	271.35	272.42	271.90	271.49	271.18	271.04	271.02 -	271.52	270.98	13
14	272.04	271.93	271.56	271.62	272.71 +	272.10	271.47	271.17	271.03 -	271.03	271.42	270.97	14
Max. +	271.88	272.09	271.53	271.58	272.52	272.06	271.48	271.15	271.03 -	271.04	271.35	270.96	15
16	271.75	271.96	271.51	271.64	272.31	272.13	271.44	271.14	271.06	271.02 -	271.31	270.95	16
17	271.66	271.86	271.49	272.16	272.15	272.68 +	271.41	271.15	271.08	271.02 -	271.35	270.94	17
18	271.57	271.77	271.46	272.45 +	272.03	272.57	271.39	271.18	271.10	271.05	271.35	270.93	18
19	271.50	271.71	271.46	272.36	271.96	272.43	271.36	271.25	271.25	271.06	271.50	270.92	19
Min. -	271.45	271.65	271.46	272.17	271.90	272.32	271.34	271.22	271.27 +	271.05	271.56	270.92	20
21	271.41	271.71	271.46	272.01	271.84	272.20	271.32	271.22	271.21	271.05	271.46	270.92	21
22	271.37	271.83	271.44	271.88	271.79	272.10	271.34	271.20	271.16	271.05	271.38	270.91	22
23	271.35	271.79	271.42	271.79	271.83	272.00	271.36	271.17	271.12	271.05	271.32	270.91	23
24	271.40	271.89	271.40	271.83	272.11	271.91	271.37	271.15	271.10	271.07	271.27	270.91	24
25	271.40	271.90	271.38 -	271.78	272.08	272.02	271.34	271.13	271.09	271.22	271.24	270.90 -	25
26	271.41	271.94	271.38 -	271.73	271.95	272.09	271.30	271.12	271.08	271.34 +	271.21	270.90 -	26
27	271.43	271.86	271.40	271.75	271.85	271.98	271.30	271.10	271.07	271.32	271.19	270.91	27
28	271.48	271.79	271.41	271.73	271.78	271.89	271.29	271.09	271.06	271.25	271.17	270.91	28
29	271.50	271.71	271.39	271.67	271.87	271.82	271.27	271.08 -	271.06	271.20	271.15	270.91	29
30	271.47		271.38 -	271.63	271.90	271.78	271.25 -	271.09	271.05	271.15	271.13	270.90 -	30
31	271.81		271.38 -		271.83		271.26	271.08 -		271.12		270.90 -	31
Monatsmittel	271.59	271.82	271.58	271.63	271.97	271.99 +	271.44	271.19	271.09	271.08	271.29	270.97 -	
Maximum	272.48	272.19	272.10	272.48	272.75	272.79 +	271.76	271.36	271.31	271.36	271.73	271.14 -	
Datum	11.01	01.02	05.03	18.04	14.05	17.06	01.07	05.08	19.09	26.10	11.11	01.12	
Amplitude	1.55	0.61	0.77	1.29	1.23	1.14	0.55	0.34	0.33	0.38	0.72	0.27	
Jahr 2016	Mittel	271.47 m ü.M.		Maximum	272.79 (17.Jun)		Minimum	270.87 (25.Dez)		Amplitude	1.92 m		



Periode	2005 - 2016												
Monatsmittel	271.59 +	271.51	271.51	271.49	271.49	271.43	271.32	271.33	271.29	271.26 -	271.38	271.52	
Maximum	272.49	272.64	272.50	272.86	272.93	272.99	272.40 -	274.73 +	273.29	272.62	273.11	272.80	
Jahr	2010	2013	2007	2012	2015	2013	2014	2007	2006	2006	2012	2012	
Minimum	270.94	271.03	271.05 +	271.00	270.96	270.85	270.83 -	270.85	270.85	270.88	270.87	270.87	
Jahr	2016	2008	2008	2007	2008	2008	2008	2008	2008	2008	2015	2016	
Amplitude	1.55	1.18	1.14 -	1.68	1.63	1.54	1.33	3.59 +	2.29	1.45	1.69	1.41	
Jahr	2016	2013	2007	2012	2015	2013	2014	2007	2006	2006	2012	2010	
Periode	Mittel	271.42 m ü.M.		Maximum	274.73 (09.Aug 2007)		Minimum	270.83 (03.Jul 2008)		Amplitude	3.90 m		

Darstellung der letzten 12 Jahre

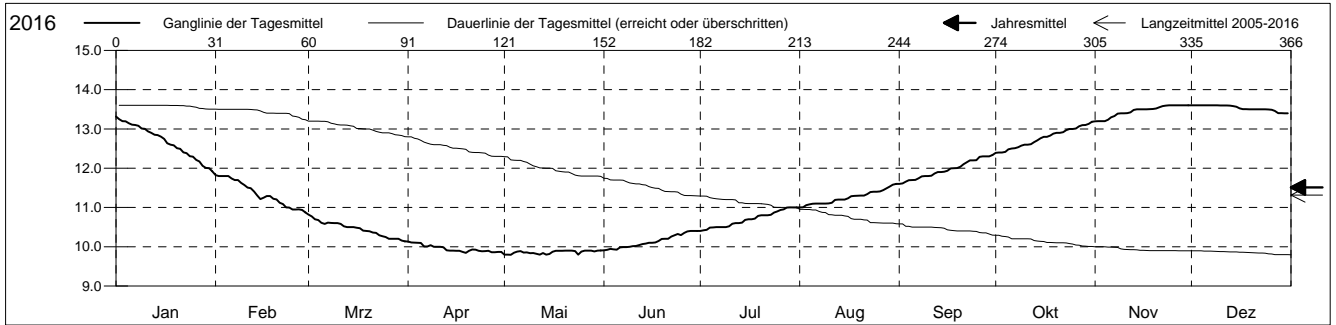


**Grundwassertemperatur**

Birstal  
 Arlesheim 13.C.10 Widen  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

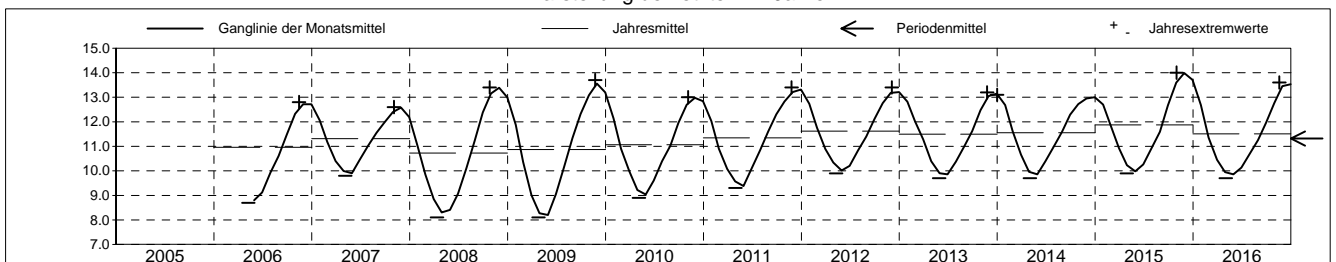
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2016	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.3 +	11.8 +	10.8 +	10.1 +	9.8 -	9.9 -	10.4 -	11.0 -	11.6 -	12.4 -	13.2 -	13.6 +	1
2	13.2	11.8 +	10.8 +	10.1 +	9.8 -	9.9 -	10.4 -	11.0 -	11.6 -	12.4 -	13.2 -	13.6 +	2
3	13.2	11.8 +	10.7	10.1 +	9.8 -	9.9 -	10.4 -	11.1	11.7	12.4 -	13.2 -	13.6 +	3
4	13.2	11.8 +	10.7	10.1 +	9.8 -	9.9 -	10.5	11.1	11.7	12.4 -	13.2 -	13.6 +	4
5	13.1	11.8 +	10.6	10.1 +	9.9 +	9.9 -	10.5	11.1	11.7	12.5	13.2 -	13.6 +	5
Tagesmittel													
6	13.1	11.7	10.6	10.0	9.9 +	10.0	10.5	11.1	11.7	12.5	13.3	13.6 +	6
7	13.1	11.7	10.6	10.0	9.9 +	10.0	10.5	11.1	11.7	12.5	13.3	13.6 +	7
8	13.1	11.7	10.6	10.0	9.9 +	10.0	10.5	11.1	11.8	12.5	13.4	13.6 +	8
9	13.0	11.6	10.6	10.0	9.8 -	10.0	10.5	11.1	11.8	12.6	13.4	13.6 +	9
10	13.0	11.6	10.6	10.0	9.8 -	10.0	10.5	11.1	11.8	12.6	13.4	13.6 +	10
11	12.9	11.5	10.6	10.0	9.8 -	10.0	10.6	11.1	11.8	12.6	13.4	13.6 +	11
12	12.9	11.5	10.5	10.0	9.8 -	10.0	10.6	11.2	11.9	12.6	13.4	13.6 +	12
13	12.9	11.4	10.5	9.9	9.8 -	10.1	10.6	11.2	11.9	12.7	13.5	13.6 +	13
14	12.8	11.3	10.5	9.9	9.8 -	10.1	10.6	11.2	11.9	12.7	13.5	13.6 +	14
15	12.8	11.2	10.5	9.9	9.8 -	10.1	10.7	11.2	11.9	12.8	13.5	13.6 +	15
Max. +													
16	12.7	11.3	10.5	9.9	9.9 +	10.1	10.7	11.2	11.9	12.8	13.5	13.5	16
17	12.6	11.3	10.5	9.9	9.9 +	10.1	10.7	11.3	12.0	12.8	13.5	13.5	17
18	12.6	11.3	10.4	9.9	9.9 +	10.1	10.7	11.3	12.0	12.8	13.5	13.5	18
19	12.6	11.2	10.4	9.8 -	9.9 +	10.2	10.8	11.3	12.0	12.9	13.5	13.5	19
20	12.5	11.2	10.4	9.9	9.9 +	10.2	10.8	11.3	12.0	12.9	13.5	13.5	20
Min. -													
21	12.5	11.1	10.4	9.9	9.9 +	10.2	10.8	11.3	12.1	12.9	13.6 +	13.5	21
22	12.4	11.1	10.4	9.9	9.9 +	10.3	10.8	11.3	12.1	12.9	13.6 +	13.5	22
23	12.4	11.0	10.3	9.9	9.9 +	10.3	10.8	11.4	12.2	13.0	13.6 +	13.5	23
24	12.3	11.0	10.3	9.9	9.8 -	10.3	10.9	11.4	12.2	13.0	13.6 +	13.5	24
25	12.3	10.9 -	10.2	9.9	9.9 +	10.3	10.9	11.4	12.2	13.0	13.6 +	13.5	25
26	12.2	10.9 -	10.2	9.9	9.9 +	10.4 +	10.9	11.4	12.3 +	13.0	13.6 +	13.5	26
27	12.2	11.0	10.2	9.9	9.9 +	10.4 +	11.0 +	11.4	12.3 +	13.1	13.6 +	13.5	27
28	12.1	10.9 -	10.2	9.9	9.9 +	10.4 +	11.0 +	11.5	12.3 +	13.1	13.6 +	13.4 -	28
29	12.0	10.9 -	10.2	9.9	9.9 +	10.4 +	11.0 +	11.5	12.3 +	13.1	13.6 +	13.4 -	29
30	12.0	10.9 -	10.2	9.9	9.9 +	10.4 +	11.0 +	11.6 +	12.3 +	13.1	13.6 +	13.4 -	30
31	11.9 -	10.9 -	10.1 -	9.9	9.9 +	10.4 +	11.0 +	11.6 +	12.3 +	13.2 +	13.6 +	13.4 -	31
Monatsmittel	12.7	11.4	10.5	10.0	9.9 -	10.1	10.7	11.3	12.0	12.8	13.5 +	13.5 +	
Maximum	13.4	11.9	10.9	10.2	10.0 -	10.4	11.0	11.6	12.4	13.2	13.6 +	13.6 +	
Datum	01.01	01.02	01.03	01.04	31.05	24.06	25.07	29.08	30.09	30.10	18.11	01.12	
Minimum	11.9	10.8	10.1	9.8	9.7 -	9.9	10.4	11.0	11.6	12.3	13.1	13.4 +	
Datum	31.01	29.02	30.03	16.04	03.05	01.06	01.07	01.08	01.09	01.10	01.11	25.12	
Amplitude	1.5	1.1	0.8	0.4	0.3	0.5	0.6	0.6	0.8	0.9	0.5	0.2	
Jahr 2016	Mittel	11.5 °C		Maximum	13.6 (18.Nov)			Minimum	9.7 (03.Mai)		Amplitude	3.9 °C	



Periode	2005 - 2016												
Monatsmittel	12.3	11.2	10.3	9.6	9.4 -	9.8	10.6	11.3	12.1	12.8	13.2 +	13.1	
Maximum	13.4	12.3	11.8	10.8	10.1 -	10.8	11.3	12.1	13.2	13.9	14.0 +	14.0 +	
Jahr	2016	2012	2013	2013	2012	2007	2007	2015	2015	2015	2015	2015	
Minimum	10.5	9.3	8.4	8.1 -	8.1 -	8.5	9.5	10.2	11.0	12.0	12.5 +	11.7	
Jahr	2008	2008	2008	2008	2009	2009	2006	2006	2006	2006	2007	2007	
Amplitude	1.5 +	1.4	1.1	0.8	0.4 -	1.2	1.1	1.2	1.2	0.9	0.5	1.1	
Jahr	2016	2009	2013	2013	2013	2009	2009	2008	2015	2013	2016	2009	
Periode	Mittel	11.3 °C		Maximum	14.0 (01.Nov 2015)			Minimum	8.1 (12.Apr 2008)		Amplitude	5.9 °C	

Darstellung der letzten 12 Jahre

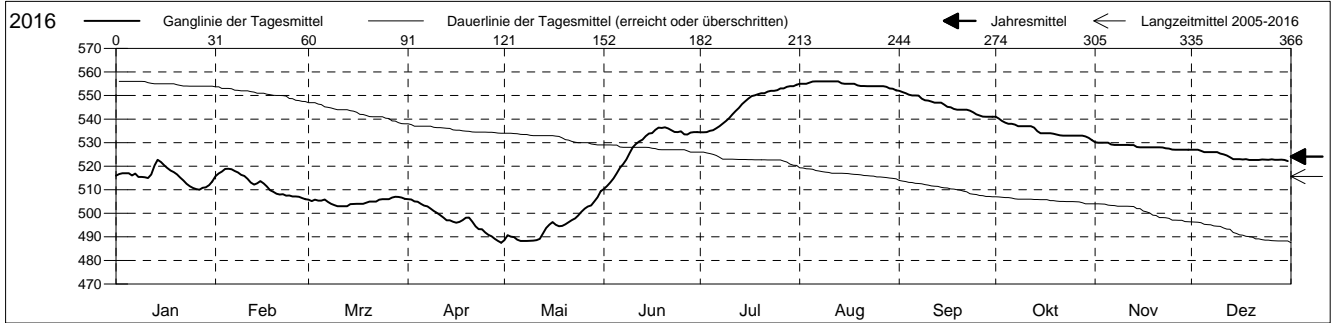


**Leitfähigkeit**

Birstal  
 Arlesheim 13.C.10 Widen  
 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

2016	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	516	516	506	506 +	489	510 -	534 -	555	552 +	541 +	530 +	527 +	1
2	517	517	505	506 +	491	512	534 -	555	551	540	530 +	527 +	2
3	517	518	506	505	490	513	534 -	555	551	539	530 +	527 +	3
4	517	519 +	505	505	490	515	535	555	550	538	530 +	527 +	4
5	517	519 +	505	504	489	517	535	556 +	550	538	530 +	526	5
6	516	519 +	506	503	488 -	519	536	556 +	550	538	529	526	6
7	517	518	505	503	488 -	521	537	556 +	550	538	529	526	7
8	515	517	504	502	488 -	523	538	556 +	549	537	529	526	8
9	515	516	504	501	488 -	526	539	556 +	548	537	529	526	9
10	515	516	503 -	500	488 -	528	540	556 +	548	537	529	525	10
11	515	515	503 -	499	489	529	542	556 +	547	537	529	525	11
12	516	513	503 -	498	489	531	543	556 +	547	537	529	525	12
13	520	512	503 -	497	491	531	545	556 +	547	536	529	524	13
14	523 +	513	504	497	494	533	546	555	547	535	528	523	14
15	522	514	504	496	495	534	548	555	546	534	528	523	15
16	520	513	504	496	496	534	549	555	545	534	528	523	16
17	519	511	504	496	495	535	550	555	545	534	528	523	17
18	518	510	504	497	495	536	550	555	544	534	528	523	18
19	518	509	505	498	495	536	551	554	544	534	528	523	19
20	517	508	505	498	495	537 +	551	554	544	533	528	523	20
21	515	508	505	497	496	536	551	554	544	533	528	523	21
22	514	508	505	494	497	535	552	554	544	533	528	523	22
23	513	508	506	493	498	535	552	554	544	533	528	523	23
24	512	508	506	493	499	534	552	554	543	533	527 -	523	24
25	511	507	506	492	501	535	552	554	542	533	527 -	523	25
26	510 -	507	506	491	502	534	553	554	542	533	527 -	523	26
27	510 -	507	507 +	490	503	533	553	554	541 -	533	527 -	523	27
28	511	506 -	507 +	489	503	534	554	554	541 -	533	527 -	523	28
29	511	506 -	507 +	488 -	505	534	554	553	541 -	533	527 -	523	29
30	512	507 +	507 +	488 -	507	534	554	553	541 -	532	527 -	523	30
31	514		506		509 +		555 +	552 -		531 -		522 -	31
Monatsmittel	516	512	505	497	495 -	529	546	555 +	546	535	528	524	
Maximum	523	519	507	506 -	510	539	555	556 +	552	541	531	527	
Datum	14.01	04.02	27.03	01.04	31.05	18.06	31.07	04.08	01.09	01.10	01.11	01.12	
Minimum	510	506	503	487 -	488	510	534	552 +	541	530	527	521	
Datum	25.01	28.02	09.03	29.04	01.05	01.06	01.07	30.08	26.09	31.10	22.11	31.12	
Amplitude	13	13	4	19	22	29	21	4	11	11	4	6	
Jahr 2016	Mittel	524		Maximum	556 (04.Aug)		Minimum	487 (29.Apr)		Amplitude	69		



Periode	2005 - 2016												
Monatsmittel	516	515	514	502	501 -	511	520	525 +	522	520	519	521	
Maximum	540	549	534	520 -	523	539	555	556 +	552	541	538	538	
Jahr	2013	2013	2013	2013	2006	2016	2016	2016	2016	2016	2012	2012	
Minimum	496 +	496 +	487	478	477 -	486	490	494	490	490	493	495	
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2007	
Amplitude	26	27	21	19	22	29	21	26	11 -	11 -	15	30 +	
Jahr	2014	2013	2012	2009	2016	2016	2016	2007	2007	2016	2015	2007	
Periode	Mittel	516		Maximum	556 (04.Aug 2016)		Minimum	477 (03.Mai 2008)		Amplitude	79		

Darstellung der letzten 12 Jahre

