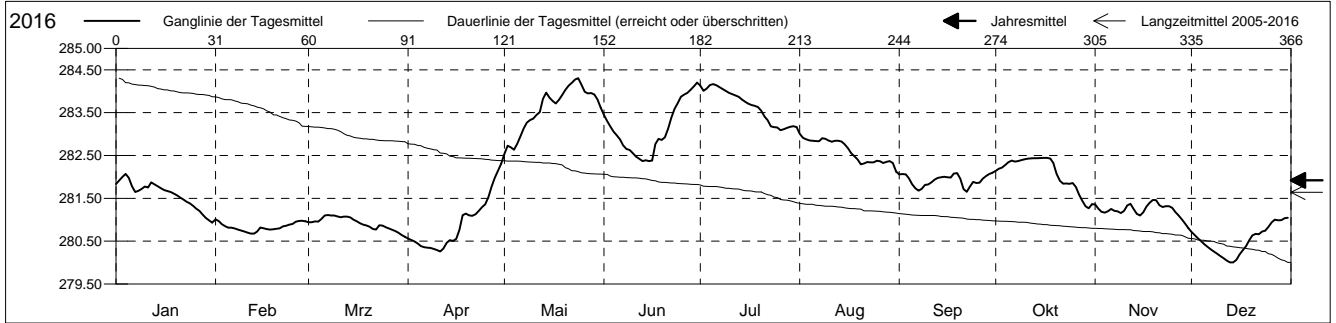


**Grundwasserstände**

Birstal  
 Aesch 11.J.3 Pentapfarm  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

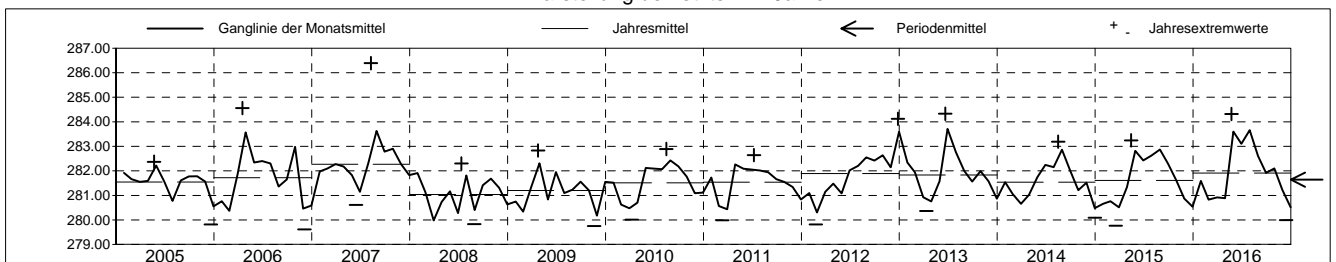
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2016	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	281.84	281.01 +	280.94	280.56	282.54 -	283.45	284.13	283.01 +	282.06	282.14	281.36	280.72	1
2	281.92	280.97	280.94	280.53	282.73	283.31	284.01	282.91	282.07	282.19	281.26	280.64	2
3	282.00	280.90	280.96	280.49	282.69	283.18	284.06	282.88	282.06	282.22	281.18	280.57	3
4	282.07 +	280.85	280.96	280.44	282.63	283.06	284.15	282.85	281.97	282.28	281.16	280.50	4
5	281.98	280.82	281.02	280.38	282.77	282.97	284.17 +	282.84	281.83	282.34	281.20	280.43	5
Tagesmittel													
6	281.78	280.81	281.10	280.36	282.95	282.88	284.14	282.83	281.73	282.38	281.25	280.37	6
7	281.65	280.79	281.11 +	280.35	283.13	282.73	284.10	282.83	281.68	282.36	281.21	280.31	7
8	281.67	280.77	281.10	280.34	283.27	282.65	284.05	282.90	281.72	282.37	281.20	280.26	8
9	281.72	280.75	281.10	280.32	283.33	282.63	284.01	282.89	281.81	282.39	281.16	280.21	9
10	281.78	280.73	281.08	280.29	283.36	282.56	283.96	282.85	281.83	282.41	281.21	280.16	10
11	281.75	280.70	281.06	280.26 -	283.45	282.48	283.93	282.82	281.87	282.43	281.33	280.10	11
12	281.87	280.68 -	281.07	280.33	283.51	282.42	283.90	282.84	281.93	282.43	281.37	280.05	12
13	281.83	280.68 -	281.07	280.46	283.82	282.37 -	283.87	282.84	281.98	282.44 +	281.25	280.00 -	13
14	281.79	280.73	281.05	280.53	283.97	282.39	283.80	282.82	281.99	282.44 +	281.14	280.00 -	14
15	281.73	280.82	281.00	280.50	283.85	282.37 -	283.76	282.76	282.00	282.44 +	281.10	280.06	15
Max. +													
16	281.69	280.80	280.96	280.55	283.77	282.38	283.71	282.67	281.99	282.44 +	281.17	280.19	16
17	281.67	280.78	280.92	280.77	283.71	282.76	283.68	282.55	281.98	282.44 +	281.31	280.29	17
18	281.65	280.77	280.89	281.11	283.80	282.89	283.66	282.49	282.08	282.43	281.40	280.38	18
19	281.61	280.78	280.87	281.14	283.91	282.86	283.63	282.41	282.09	282.32	281.46 +	280.52	19
20	281.57	280.79	280.84	281.10	284.03	282.92	283.54	282.29	281.96	282.07	281.46 +	280.63	20
Min. -													
21	281.52	280.80	280.79	281.09	284.13	283.13	283.41	282.31	281.72	281.91	281.34	280.67	21
22	281.47	280.84	280.77	281.13	284.19	283.38	283.32	282.35	281.65 -	281.84	281.30	280.66	22
23	281.42	280.86	280.87	281.21	284.28	283.59	283.18	282.34	281.77	281.84	281.32	280.73	23
24	281.38	280.88	280.86	281.30	284.30 +	283.72	283.16	282.34	281.88	281.84	281.31	280.74	24
25	281.33	280.90	280.82	281.36	284.16	283.87	283.16	282.38	281.86	281.86	281.28	280.83	25
26	281.26	280.95	280.79	281.53	283.99	283.92	283.09 -	282.37	281.86	281.76	281.18	280.94	26
27	281.21	280.97	280.77	281.78	283.95	283.96	283.11	282.33	281.96	281.59	281.10	281.00	27
28	281.12	280.98	280.74	281.98	283.96	284.03	283.14	282.35	282.02	281.44	281.01	280.99	28
29	281.04	280.96	280.69	282.14	283.93	284.11	283.17	282.37	282.07	281.32	280.91	280.99	29
30	280.98		280.64	282.31 +	283.80	284.20 +	283.18	282.32	282.10 +	281.27 -	280.81 -	281.03	30
31	280.94 -		280.60 -		283.61		283.16	282.12 -		281.36		281.05 +	31
Monatsmittel	281.59	280.83	280.92	280.89	283.60	283.11	283.66 +	282.61	281.92	282.10	281.22	280.52 -	
Maximum	282.11	281.03 -	281.13	282.40	284.32 +	284.24	284.22	283.11	282.11	282.46	281.50	281.06	
Datum	04.01	01.02	06.03	30.04	24.05	30.06	01.07	01.08	30.09	16.10	19.11	30.12	
Amplitude	1.21	0.36	0.53	2.16	1.91	1.91	1.14	1.05	0.48	1.22	0.74	1.07	
Jahr 2016	Mittel	281.92 m ü.M.		Maximum	284.32 (24.Mai)		Minimum	279.99 (13.Dez)		Amplitude	4.33 m		



Periode	2005 - 2016												
Monatsmittel	281.48	280.97 -	281.01	281.57	281.95	282.08	282.15 +	282.13	281.94	281.95	281.30	281.09	
Maximum	283.83	282.35 -	283.08	284.56	284.32	284.33	284.22	286.39 +	283.05	283.78	283.03	284.12	
Jahr	2013	2007	2006	2006	2016	2013	2016	2007	2007	2006	2012	2012	
Minimum	280.05	279.82	279.76	279.99	280.35	279.99	279.95	279.83	280.01	280.50 +	279.70	279.61 -	
Jahr	2015	2012	2015	2008	2009	2008	2005	2008	2008	2009	2006	2006	
Amplitude	2.51	1.94	3.03	2.38	1.91	1.91	1.86 -	4.00 +	2.13	2.17	1.91	2.32	
Jahr	2013	2008	2006	2006	2016	2016	2005	2007	2008	2006	2006	2006	
Periode	Mittel	281.64 m ü.M.		Maximum	286.39 (09.Aug 2007)		Minimum	279.61 (05.Dez 2006)		Amplitude	6.78 m		

Darstellung der letzten 12 Jahre

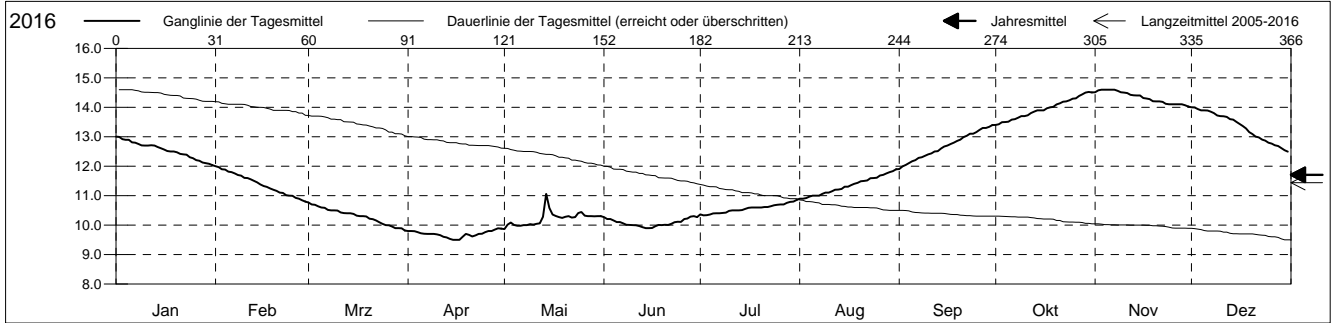


**Grundwassertemperatur**

Birstal  
 Aesch 11.J.3 Pentapharm  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

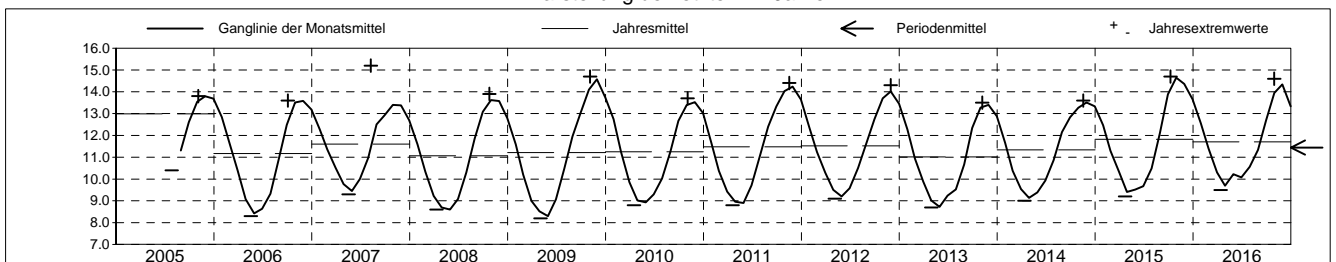
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2016	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.0 +	12.0 +	10.8 +	9.8	9.9 -	10.3 +	10.4	10.9 -	11.9 -	13.4 -	14.5	14.0 +	1
2	13.0 +	12.0 +	10.7	9.8	10.0	10.2	10.3 -	10.9 -	12.0	13.4 -	14.6 +	14.0 +	2
3	12.9	11.9	10.7	9.8	10.1	10.2	10.3 -	10.9 -	12.0	13.5	14.6 +	13.9	3
4	12.9	11.9	10.6	9.8	10.0	10.2	10.4	11.0	12.1	13.5	14.6 +	13.9	4
5	12.9	11.8	10.6	9.7	10.0	10.1	10.4	11.0	12.2	13.5	14.6 +	13.9	5
Tagesmittel													
6	12.8	11.8	10.6	9.7	10.0	10.1	10.4	11.0	12.2	13.6	14.6 +	13.9	6
7	12.8	11.8	10.5	9.7	10.0	10.1	10.4	11.0	12.3	13.6	14.6 +	13.9	7
8	12.8	11.7	10.5	9.7	10.0	10.0	10.4	11.1	12.3	13.6	14.6 +	13.8	8
9	12.7	11.7	10.5	9.7	10.0	10.0	10.4	11.1	12.4	13.7	14.5	13.7	9
10	12.7	11.6	10.5	9.7	10.0	10.0	10.5	11.1	12.4	13.7	14.5	13.7	10
11	12.7	11.6	10.4	9.7	10.0	10.0	10.5	11.1	12.4	13.7	14.5	13.7	11
12	12.7	11.6	10.4	9.6	10.1	10.0	10.5	11.2	12.5	13.8	14.4	13.7	12
13	12.7	11.5	10.4	9.6	10.3	9.9 -	10.5	11.2	12.5	13.9	14.4	13.6	13
14	12.6	11.4	10.4	9.5 -	11.1 +	9.9 -	10.5	11.2	12.6	13.9	14.4	13.6	14
15	12.6	11.4	10.4	9.5 -	10.6	9.9 -	10.6	11.3	12.7	13.9	14.4	13.5	15
Max. +													
16	12.6	11.3	10.3	9.5 -	10.4	9.9 -	10.6	11.3	12.7	13.9	14.3	13.4	16
17	12.5	11.3	10.3	9.5 -	10.3	10.0	10.6	11.4	12.8	14.0	14.3	13.4	17
18	12.5	11.2	10.3	9.6	10.3	10.0	10.6	11.4	12.8	14.0	14.3	13.3	18
19	12.5	11.2	10.3	9.7	10.2	10.0	10.6	11.4	12.9	14.0	14.2	13.2	19
20	12.5	11.2	10.2	9.7	10.3	10.0	10.6	11.5	12.9	14.1	14.2	13.1	20
Min. -													
21	12.4	11.1	10.2	9.6	10.3	10.0	10.6	11.5	13.0	14.1	14.2	13.0	21
22	12.4	11.1	10.2	9.6	10.3	10.0	10.6	11.5	13.0	14.2	14.2	13.0	22
23	12.4	11.0	10.1	9.7	10.3	10.1	10.6	11.6	13.1	14.2	14.1	12.9	23
24	12.3	11.0	10.0	9.7	10.4	10.1	10.7	11.6	13.1	14.2	14.1	12.9	24
25	12.3	11.0	10.0	9.8	10.4	10.1	10.7	11.6	13.2	14.3	14.1	12.8	25
26	12.2	10.9	10.0	9.8	10.3	10.2	10.7	11.7	13.2	14.3	14.1	12.8	26
27	12.2	10.9	9.9	9.8	10.3	10.2	10.7	11.7	13.3	14.4	14.1	12.7	27
28	12.1	10.8 -	9.9	9.8	10.3	10.3 +	10.8	11.8	13.3	14.4	14.1	12.7	28
29	12.1	10.8 -	9.9	9.9 +	10.3	10.3 +	10.8	11.8	13.3	14.5 +	14.1	12.6	29
30	12.1		9.9	9.9 +	10.3	10.3 +	10.8	11.8	13.4 +	14.5 +	14.0 -	12.5 -	30
31	12.0 -		9.8 -		10.3		10.9 +	11.9 +		14.5 +		12.5 -	31
Monatsmittel	12.5	11.4	10.3	9.7 -	10.2	10.1	10.6	11.3	12.7	13.9	14.3 +	13.3	
Maximum	13.1	12.0	10.8	9.9 -	11.2	10.3	10.9	11.9	13.4	14.6 +	14.6 +	14.0	
Datum	01.01	01.02	01.03	28.04	14.05	01.06	31.07	30.08	29.09	30.10	01.11	01.12	
Minimum	12.0	10.8	9.8	9.5 -	9.8	9.9	10.3	10.9	11.9	13.4	14.0 +	12.4	
Datum	30.01	28.02	30.03	13.04	01.05	11.06	01.07	01.08	01.09	01.10	29.11	31.12	
Amplitude	1.1	1.2	1.0	0.4	1.4	0.4	0.6	1.0	1.5	1.2	0.6	1.6	
Jahr 2016	Mittel	11.7 °C	Maximum	14.6 (30.Okt)	Minimum	9.5 (13.Apr)	Amplitude	5.1 °C					



Periode	2005 - 2016												
Monatsmittel	12.2	10.9	9.9	9.2	9.1 -	9.5	10.4	11.7	12.9	13.7	13.9 +	13.3	
Maximum	13.4	12.2	11.6	10.7	11.2	10.5 -	11.8	15.2 +	14.5	14.7	14.7	14.2	
Jahr	2010	2006	2006	2006	2016	2007	2011	2007	2015	2015	2009	2009	
Minimum	10.9	9.5	8.6	8.3	8.2 -	8.4	9.0	9.8	11.6	13.0	13.1 +	12.2	
Jahr	2009	2009	2009	2009	2009	2006	2006	2006	2013	2013	2007	2007	
Amplitude	1.6	1.5	2.1	2.2	1.4	1.8	1.5	3.8 +	1.5	1.2	0.7 -	1.6	
Jahr	2014	2010	2006	2006	2016	2013	2009	2007	2016	2016	2015	2016	
Periode	Mittel	11.4 °C	Maximum	15.2 (09.Aug 2007)	Minimum	8.2 (03.Mai 2009)	Amplitude	7.0 °C					

Darstellung der letzten 12 Jahre



**Leitfähigkeit**

Birstal

Aesch

Abstichpunkt:

OK Terrain:

11.J.3

0.00

0.00

Pentapfarm

m ü.M.

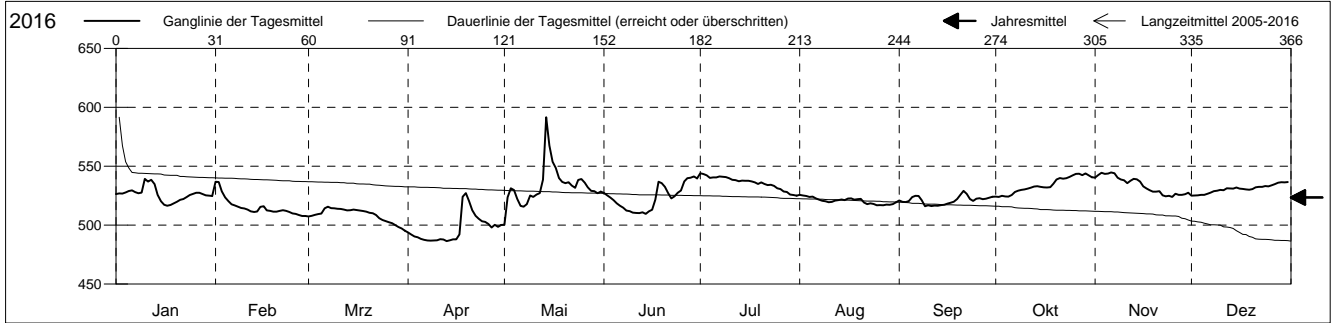
m ü.M.

**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	526	537 +	507	494	500 -	527	544 +	526 +	521	524 -	540	525 -	1
2	527	537 +	508	492	524	525	543	525	520	524 -	542	525 -	2
3	527	529	509	490	531	523	542	525	520	525	544	525 -	3
4	528	524	509	490	530	521	540	524	520	524 -	544	526	4
5	529	520	510	488	522	519	541	524	524	524 -	544	526	5
6	529	518	514	487	516	516	540	523	525	525	545 +	527	6
7	528	517	514 +	487	516	515	541	522	525	528	544	528	7
8	527	516	514	487	518	512	541	521	521	529	540	529	8
9	528	515	514	487	525	512	541	520	516 -	530	539	529	9
10	539 +	514	514	487	524	511	540	519	517	530	538	530	10
11	537	513	514	488	526	510	538	520	516 -	531	536	530	11
12	538	512	513	488	527	510	538	521	517	532	538	531	12
13	535	511	513	486 -	539	511	537	521	516 -	533	539	531	13
14	526	512	513	487	529 +	509 -	538	522	517	533	539	531	14
15	520	515	513	488	568	512	538	521	517	532	537	532	15
16	517	516	513	488	554	513	538	523	518	532	533	531	16
17	516 -	513	512	492	548	522	537	523	519	532	531	531	17
18	517	512	512	524	540	537	536	522	520	532	530	530	18
19	519	511	511	527 +	537	536	535	522	522	535	528	530	19
20	520	511	510	520	536	532	536	522	526	539	528	531	20
21	521	512	510	513	536	527	535	519	529 +	540	529	532	21
22	522	513	509	508	534	523	534	518	526	539	525	532	22
23	524	512	506	506	532	524	534	518	522	540	524 -	532	23
24	526	511	504	503	538	528	533	518	521	541	525	533	24
25	527	510	503	503	539	529	531	517 -	522	542	524 -	533	25
26	527	510	502	501	536	537	531	517 -	523	544 +	527	534	26
27	527	509	502	498	532	540	528	517 -	522	544 +	526	535	27
28	526	508 -	500	500	529	540	528	517 -	522	542	526	536	28
29	525	508 -	498	499	529	541 +	526	517 -	523	544 +	526	536	29
30	525		497	500	527	540	525 -	518	524	542	527	536	30
31	525		495 -	528	528	525 -	519			541		537 +	31
Monatsmittel	526	515	509	497 -	533	523	536 +	521	521	534	534	531	
Maximum	558	541	520 -	534	602 +	546	547	531	532	549	549	538	
Datum	10.01	01.02	09.03	19.04	14.05	28.06	01.07	01.08	07.09	29.10	07.11	23.12	
Minimum	515	507	494	486 -	493	504	519	513	515	523 +	519	521	
Datum	17.01	28.02	31.03	08.04	01.05	09.06	29.07	09.08	09.09	02.10	23.11	02.12	
Amplitude	43	34	26	48	109	42	28	18	17	26	30	17	
Jahr 2016	Mittel	523		Maximum	602 (14.Mai)		Minimum	486 (08.Apr)		Amplitude	116		



Periode	2005 - 2016												
Monatsmittel	526	529	517	505 -	509	517	521	527	529	531	538 +	536	
Maximum	592	565	552 -	658	639	677	579	798 +	677	628	646	661	
Jahr	2015	2013	2015	2012	2015	2013	2014	2007	2006	2012	2012	2010	
Minimum	506	507	494	482 -	484	497	498	502	504	509	519 +	509	
Jahr	2008	2014	2016	2009	2008	2014	2014	2015	2007	2007	2016	2007	
Amplitude	63	42 -	54	165	140	174	81	292 +	155	100	116	133	
Jahr	2015	2013	2015	2012	2015	2013	2014	2007	2006	2012	2012	2010	
Periode	Mittel	524		Maximum	798 (11.Aug 2007)		Minimum	482 (24.Apr 2009)		Amplitude	316		

Darstellung der letzten 12 Jahre

