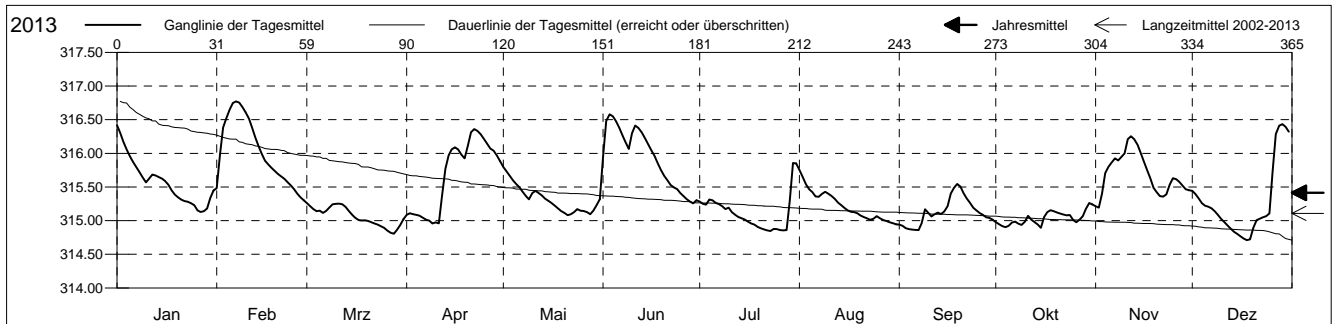


**Grundwasserstände**

Frenketal  
 Liestal 39.G.10 Bus Altmarkt  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

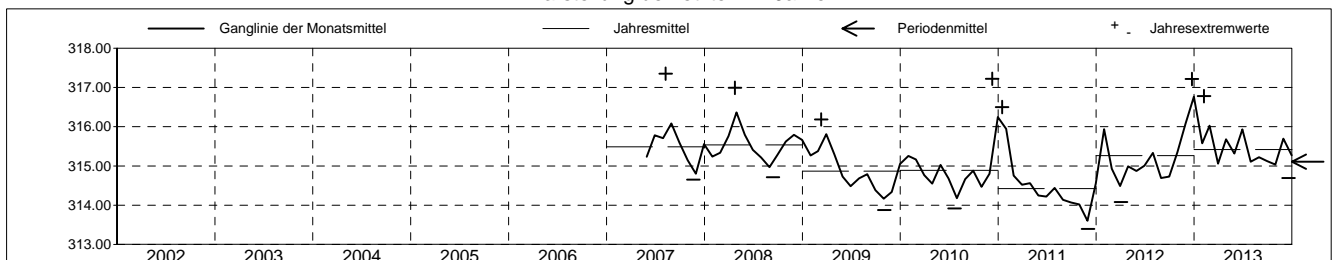
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	316.42 +	315.48	315.26 +	315.09	315.80 +	315.95	315.28	315.75 +	314.94	314.98	315.22	315.44	1
2	316.30	315.97	315.22	315.11	315.74	316.48	315.25	315.65	314.92	314.95	315.19 -	315.40	2
3	316.17	316.39	315.17	315.10	315.67	316.58 +	315.24	315.54	314.89	314.92	315.40	315.33	3
4	316.06	316.53	315.14	315.09	315.60	316.55	315.31	315.47	314.87	314.90	315.71	315.26	4
5	315.96	316.65	315.15	315.07	315.54	316.48	315.30	315.42	314.87	314.92	315.80	315.22	5
Tagesmittel													
6	315.87	316.75	315.12	315.04	315.50	316.38	315.27	315.36	314.86 -	314.97	315.86	315.21	6
7	315.80	316.77 +	315.15	315.02	315.43	316.27	315.25	315.35	314.86 -	314.99	315.93	315.18	7
8	315.72	316.75	315.20	315.00	315.37	316.16	315.21	315.40	314.96	314.96	315.89	315.14	8
9	315.64	316.69	315.24	314.96 -	315.32	316.07	315.17	315.43	315.17	314.94	315.95	315.09	9
10	315.57	316.61	315.25	314.97	315.41	316.30	315.19	315.40	315.12	314.98	316.00	315.03	10
11	315.63	316.51	315.25	314.96 -	315.44	316.41	315.13	315.37	315.06	315.07	316.21	314.98	11
12	315.68	316.38	315.24	315.37	315.41	316.38	315.09	315.32	315.10	315.02	316.25 +	314.93	12
13	315.67	316.24	315.20	315.77	315.37	316.31	315.06	315.27	315.12	314.98	316.21	314.88	13
14	315.65	316.10	315.15	315.97	315.33	316.22	315.04	315.23	315.10	314.94	316.13	314.83	14
Max. +	315.62	315.99	315.09	316.06	315.30	316.14	315.02	315.19	315.14	314.89 -	316.01	314.80	15
16	315.59	315.89	315.04	316.09	315.26	316.05	314.99	315.15	315.21	315.05	315.87	314.77	16
17	315.53	315.84	315.01	316.06	315.22	315.96	314.96	315.13	315.40	315.13	315.75	314.73	17
18	315.45	315.79	315.00	315.98	315.18	315.85	314.94	315.13	315.49	315.16	315.63	314.71 -	18
19	315.39	315.74	315.00	315.93	315.14	315.75	314.91	315.11	315.54 +	315.14	315.49	314.72	19
Min. -	315.35	315.69	314.99	316.11	315.11	315.67	314.89	315.08	315.51	315.12	315.42	314.89	20
21	315.31	315.66	314.98	316.31	315.08 -	315.60	314.87	315.05	315.41	315.10	315.37	315.01	21
22	315.29	315.62	314.96	316.36 +	315.10	315.53	314.86	315.03	315.33	315.09	315.36	315.03	22
23	315.28	315.57	314.94	316.33	315.13	315.49	314.85 -	315.01	315.27	315.08	315.39	315.05	23
24	315.26	315.52	314.92	316.28	315.17	315.47	314.88	315.03	315.19	315.08	315.53	315.07	24
25	315.23	315.47	314.89	316.21	315.15	315.41	314.87	315.07	315.15	315.01	315.63	315.11	25
26	315.15	315.40	314.85	316.14	315.15	315.36	314.86	315.04	315.11	314.98	315.62	315.73	26
27	315.13 -	315.35	314.82	316.07	315.13	315.32	314.86	315.01	315.09	315.01	315.58	316.29	27
28	315.14	315.30 -	314.81 -	316.04	315.10	315.28	314.86	315.00	315.05	315.07	315.52	316.41	28
29	315.18		314.87	315.97	315.15	315.26 -	315.30	314.98	315.04	315.17	315.47	316.43 +	29
30	315.34		314.94	315.88	315.23	315.30	315.86 +	314.96	315.02	315.26 +	315.45	316.39	30
31	315.45		315.02	315.32	315.32	315.32	315.85	314.95 -		315.24		316.32	31
Monatsmittel	315.58	316.02 +	315.06	315.68	315.32	315.93	315.11	315.22	315.13	315.04 -	315.69	315.27	
Maximum	316.48	316.78 +	315.29	316.36	315.84	316.59	315.90	315.81	315.58	315.28 -	316.26	316.44	
Datum	01.01	07.02	01.03	22.04	01.05	03.06	30.07	01.08	19.09	30.10	11.11	29.12	
Amplitude	1.38	1.48	0.50	1.42	0.79	1.36	1.09	0.88	0.75	0.40	1.09	1.75	
Jahr 2013	Mittel	315.41 m ü.M.		Maximum	316.78 (07.Feb)		Minimum	314.69 (19.Dez)		Amplitude	2.09 m		



Periode	2002 - 2013												
Monatsmittel	315.54	315.26	315.07	315.24	315.03	315.07	314.95	314.94	314.87	314.83 -	315.02	315.59 +	
Maximum	316.72	316.78	316.18	316.99	316.50	316.59	316.14 -	317.35 +	316.30	316.78	316.98	317.22	
Jahr	2012	2013	2009	2008	2008	2013	2012	2007	2008	2008	2012	2010	
Minimum	314.79 +	314.50	314.13	314.08	314.01	314.06	313.92	313.92	313.88	313.78	313.42	313.40 -	
Jahr	2010	2012	2012	2011	2011	2010	2010	2011	2011	2011	2011	2011	
Amplitude	1.55	1.48	0.99 -	2.00	1.47	1.45	1.45	2.14	1.58	1.81	1.57	2.46 +	
Jahr	2010	2013	2012	2012	2010	2012	2012	2007	2008	2012	2012	2010	
Periode	Mittel	315.11 m ü.M.		Maximum	317.35 (09.Aug 2007)		Minimum	313.40 (02.Dez 2011)		Amplitude	3.95 m		

Darstellung der letzten 12 Jahre

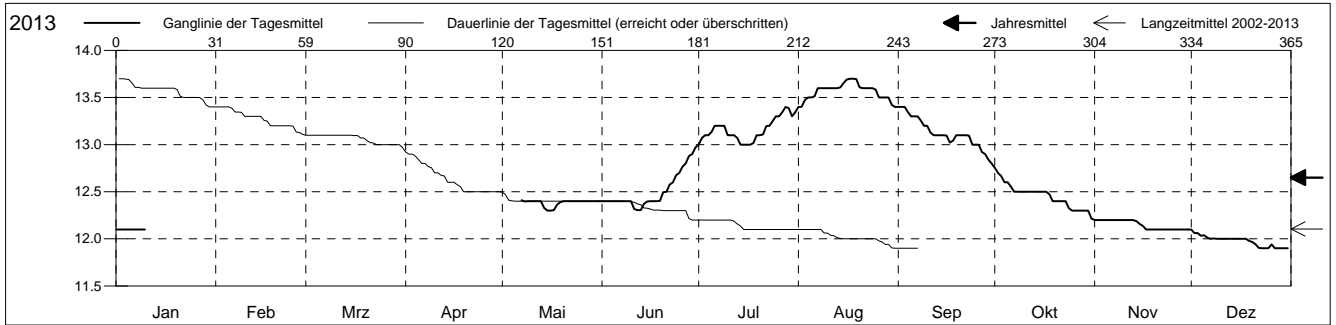


**Grundwassertemperatur**

Frenketal  
 Liestal 39.G.10 Bus Altmarkt  
 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

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.1 +					12.4	13.0 -	13.4 -	13.4 +	12.8 +	12.2 +	12.1 +	1
2	12.1 +					12.4	13.1	13.4 -	13.4 +	12.7	12.2 +	12.1 +	2
3	12.1 +					12.4	13.1	13.5	13.4 +	12.7	12.2 +	12.1 +	3
4	12.1 +					12.4	13.1	13.5	13.3	12.6	12.2 +	12.0	4
5	12.1 +					12.4	13.1	13.5	13.3	12.6	12.2 +	12.0	5
Tagesmittel													
6	12.1 +					12.4	13.2	13.5	13.3	12.6	12.2 +	12.0	6
7	12.1 +				12.4 +	12.4	13.2	13.6	13.3	12.5	12.2 +	12.0	7
8	12.1 +				12.4 +	12.4	13.2	13.6	13.3	12.5	12.2 +	12.0	8
9	12.1 +				12.4 +	12.4	13.2	13.6	13.2	12.5	12.2 +	12.0	9
10	12.1 +				12.4 +	12.4	13.1	13.6	13.2	12.5	12.2 +	12.0	10
11					12.4 +	12.3 -	13.1	13.6	13.1	12.5	12.2 +	12.0	11
12					12.4 +	12.3 -	13.1	13.6	13.1	12.5	12.2 +	12.0	12
13					12.4 +	12.3 -	13.1	13.6	13.1	12.5	12.2 +	12.0	13
14					12.3	12.4	13.0 -	13.6	13.1	12.5	12.2 +	12.0	14
15	Max. +				12.3	12.4	13.0 -	13.7 +	13.1	12.5	12.2 +	12.0	15
16					12.3	12.4	13.0 -	13.7 +	13.1	12.5	12.1 -	12.0	16
17					12.3	12.4	13.0 -	13.7 +	13.0	12.5	12.1 -	12.0	17
18					12.4 +	12.4	13.0 -	13.7 +	13.0	12.5	12.1 -	12.0	18
19					12.4 +	12.4	13.1	13.7 +	13.1	12.4	12.1 -	12.0	19
20	Min. -				12.4 +	12.5	13.1	13.6	13.1	12.4	12.1 -	12.0	20
21					12.4 +	12.5	13.1	13.6	13.1	12.4	12.1 -	11.9 -	21
22					12.4 +	12.6	13.2	13.6	13.1	12.4	12.1 -	11.9 -	22
23					12.4 +	12.6	13.2	13.6	13.1	12.4	12.1 -	11.9 -	23
24					12.4 +	12.7	13.3	13.6	13.0	12.3	12.1 -	11.9 -	24
25					12.4 +	12.7	13.3	13.6	13.0	12.3	12.1 -	11.9 -	25
26					12.4 +	12.8	13.3	13.5	13.0	12.3	12.1 -	11.9 -	26
27					12.4 +	12.8	13.3	13.5	12.9	12.3	12.1 -	11.9 -	27
28					12.4 +	12.9	13.4 +	13.5	12.9	12.3	12.1 -	11.9 -	28
29					12.4 +	12.9	13.4 +	13.5	12.8 -	12.3	12.1 -	11.9 -	29
30					12.4 +	13.0 +	13.3	13.4 -	12.8 -	12.3	12.1 -	11.9 -	30
31					12.4 +		13.3	13.4 -		12.2 -		11.9 -	31
Monatsmittel					12.4	12.5	13.2	13.6 +	13.1	12.5	12.1	12.0 -	
Maximum	12.1 -				12.5	13.0	13.4	13.7 +	13.4	12.8	12.2	12.1 -	
Datum	01.01				07.05	30.06	27.07	14.08	01.09	01.10	01.11	01.12	
Minimum	12.1				12.3	12.3	13.0	13.4 +	12.8	12.2	12.1	11.9 -	
Datum	01.01				08.05	11.06	01.07	01.08	29.09	31.10	14.11	19.12	
Amplitude	0.0 +				0.2	0.7	0.4	0.3	0.6	0.6	0.1	0.2	
Jahr 2013	Mittel		12.6 °C	Maximum	13.7 (14.Aug)	Minimum	11.9 (19.Dez)	Amplitude				1.8 °C	



Periode	2002 - 2013											
Monatsmittel	11.6 -	11.6 -	11.7	11.8	12.0	12.3	12.6	12.7 +	12.6	12.2	11.9	11.8
Maximum	12.1	11.8 -	11.9	12.0	12.6	13.0	13.4	13.7 +	13.5	12.9	12.3	12.2
Jahr	2013	2008	2008	2008	2011	2013	2013	2013	2012	2011	2012	2012
Minimum	11.4 -	11.4 -	11.4 -	11.6	11.6	11.7	11.8 +	11.8 +	11.8 +	11.7	11.5	11.4 -
Jahr	2009	2009	2009	2009	2007	2007	2007	2007	2007	2007	2008	2008
Amplitude	0.3	0.1 -	0.2	0.3	0.6	0.7	0.8 +	0.6	0.8 +	0.8 +	0.3	0.2
Jahr	2011	2009	2009	2011	2011	2013	2010	2010	2012	2011	2011	2013
Periode	Mittel		12.1 °C	Maximum	13.7 (14.Aug 2013)	Minimum	11.4 (16.Dez 2008)	Amplitude				2.3 °C

Darstellung der letzten 12 Jahre

