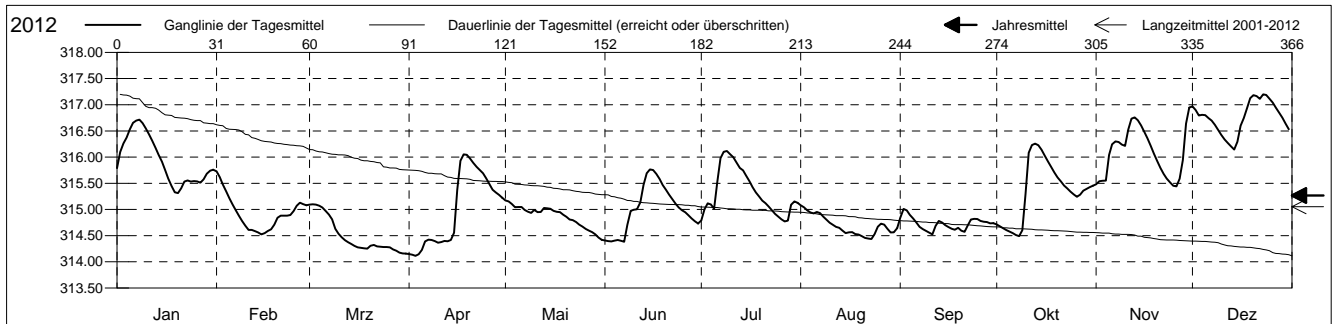


**Grundwasserstände**

Frenketal  
 Liestal 39.G.10 Bus Altmarkt  
 Abstichpunkt: 327.17 m ü.M.  
 OK Terrain: 327.35 m ü.M.

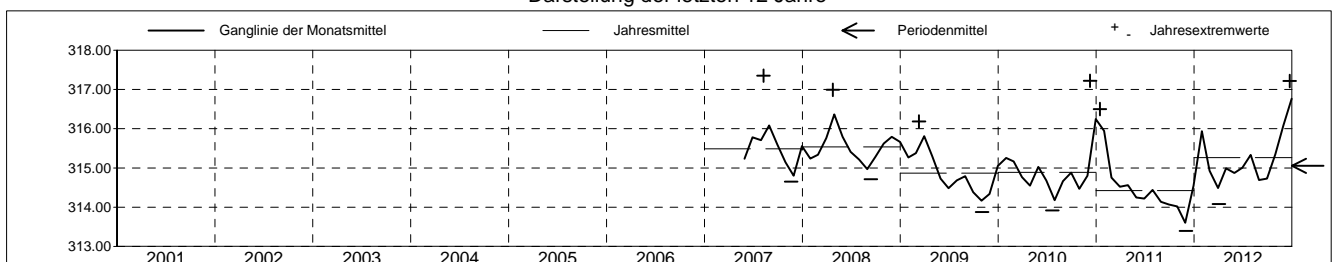
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2012	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	315.79	315.73 +	315.09	314.15	315.17 +	314.41	314.79	315.08 +	314.84	314.71	315.48	316.97	1
2	316.10	315.62	315.10 +	314.13	315.15	314.39	315.00	315.04	315.01 +	314.68	315.54	316.90	2
3	316.26	315.48	315.09	314.11 -	315.10	314.39	315.12	314.98	314.98	314.64	315.55	316.80	3
4	316.37	315.35	315.07	314.14	315.04	314.41	315.10	314.94	314.90	314.61	315.55	316.81	4
5	316.53	315.22	315.04	314.23	315.05	314.42	315.01	314.92	314.83	314.58	316.04	316.80	5
6	316.66	315.09	314.97	314.39	315.05	314.40	315.53	314.95	314.75	314.55	316.25	316.74	6
7	316.70	314.99	314.90	314.42	314.99	314.38 -	315.98	314.93	314.67	314.51	316.30	316.70	7
8	316.72 +	314.88	314.81	314.42	314.96	314.71	316.10	314.86	314.62	314.49 -	316.29	316.62	8
9	316.65	314.78	314.63	314.39	314.93	314.97	316.12 +	314.81	314.59	314.60	316.24	316.52	9
10	316.55	314.69	314.54	314.36	314.99	315.00	316.06	314.75	314.56	315.29	316.21	316.42	10
11	316.44	314.61	314.47	314.38	314.95	315.00	316.00	314.71	314.52 -	316.08	316.53	316.34	11
12	316.31	314.61	314.42	314.40	314.95	315.14	315.90	314.67	314.69	316.23	316.74	316.27	12
13	316.18	314.58	314.37	314.39	315.03	315.47	315.79	314.65	314.78	316.26 +	316.76	316.21	13
14	316.04	314.56	314.34	314.42	315.02	315.69	315.75	314.59	314.75	316.23	316.70	316.14 -	14
15	315.91	314.53 -	314.30	314.55	315.01	315.77 +	315.65	314.55	314.70	316.14	316.61	316.30	15
16	315.75	314.55	314.28	315.37	314.97	315.75	315.54	314.56	314.66	316.03	316.49	316.60	16
17	315.59	314.59	314.27	315.93	314.96	315.68	315.42	314.57	314.63	315.92	316.36	316.75	17
18	315.45	314.62	314.26	316.05 +	314.95	315.58	315.33	314.53	314.61	315.81	316.22	316.93	18
19	315.33	314.71	314.25	316.04	314.90	315.47	315.25	314.52	314.65	315.71	316.07	317.13	19
20	315.31 -	314.84	314.31	315.97	314.86	315.38	315.17	314.49	314.59	315.61	315.93	317.18	20
21	315.40	314.88	314.32	315.89	314.81	315.28	315.12	314.46	314.57	315.54	315.79	317.16	21
22	315.53	314.88	314.29	315.81	314.80	315.19	315.06	314.44	314.69	315.46	315.68	317.11	22
23	315.55	314.88	314.29	315.75	314.76	315.11	314.99	314.43 -	314.81	315.40	315.59	317.20 +	23
24	315.53	314.89	314.28	315.69	314.71	315.04	314.92	314.82	314.82	315.34	315.52	317.19	24
25	315.54	314.97	314.28	315.59	314.67	314.99	314.86	314.67	314.82	315.29	315.45	317.11	25
26	315.54	315.07	314.28	315.48	314.63	314.95	314.81	314.73	314.78	315.24	315.44 -	317.04	26
27	315.51	315.13	314.24	315.38	314.60	314.89	314.77 -	314.71	314.77	315.28	315.59	316.94	27
28	315.58	315.10	314.21	315.33	314.57	314.83	314.79	314.63	314.76	315.36	315.94	316.85	28
29	315.68	315.08	314.18	315.28	314.53	314.77	315.09	314.56	314.74	315.39	316.64	316.75	29
30	315.74		314.16 -	315.23	314.46	314.73	315.15	314.56	314.74	315.43	316.94 +	316.64	30
31	315.76		314.16 -	314.42 -	314.42 -		315.13	314.64		315.45		316.53	31
Monatsmittel	315.94	314.93	314.49 -	314.99	314.87	315.01	315.33	314.69	314.73	315.35	316.08	316.76 +	
Maximum	316.72	315.75	315.12	316.08	315.20	315.79	316.14	315.11	315.04 -	316.26	316.98	317.21 +	
Datum	08.01	01.02	02.03	18.04	01.05	15.06	08.07	01.08	02.09	13.10	30.11	23.12	
Amplitude	1.46	1.25	0.99	2.00	0.80	1.45	1.45	0.72	0.53	1.81	1.57	1.08	
Jahr 2012	Mittel	315.27 m ü.M.		Maximum	317.21 (23.Dez)			Minimum	314.08 (03.Apr)			Amplitude	3.13 m



Periode	2001 - 2012												
Monatsmittel	315.53	315.11	315.07	315.15	314.98	314.93	314.93	314.89	314.82	314.80 -	314.90	315.64 +	
Maximum	316.72	315.75 -	316.18	316.99	316.50	316.46	316.14	317.35 +	316.30	316.78	316.98	317.22	
Jahr	2012	2012	2009	2008	2008	2007	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	2012	2011	2011	2010	2011	2011	2011	2011	2011	
Amplitude	1.55	1.25	0.99 -	2.00	1.47	1.45	1.45	2.14	1.58	1.81	1.57	2.46 +	
Jahr	2010	2012	2012	2012	2010	2012	2012	2007	2008	2012	2012	2010	
Periode	Mittel	315.05 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

Abstichpunkt:

OK Terrain:

39.G.10

327.17

327.35

Bus Altmarkt

m ü.M.

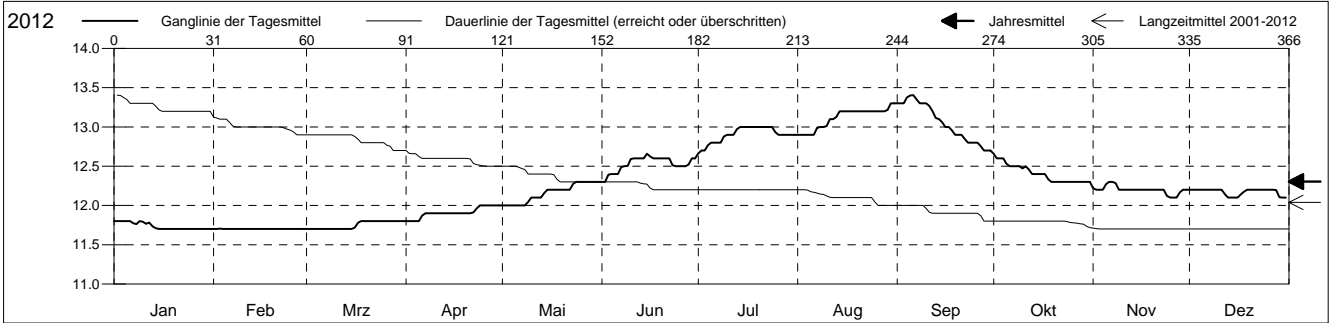
m ü.M.

**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	11.8 +	11.7 +	11.7 -	11.8 -	12.0 -	12.3 -	12.7 -	12.9 -	13.3	12.7 +	12.2	12.2 +	1
2	11.8 +	11.7 +	11.7 -	11.8 -	12.0 -	12.3 -	12.7 -	12.9 -	13.3	12.6	12.2	12.2 +	2
3	11.8 +	11.7 +	11.7 -	11.8 -	12.0 -	12.4	12.7 -	12.9 -	13.3	12.6	12.2	12.2 +	3
4	11.8 +	11.7 +	11.7 -	11.8 -	12.0 -	12.4	12.8	12.9 -	13.4 +	12.6	12.2	12.2 +	4
5	11.8 +	11.7 +	11.7 -	11.8 -	12.0 -	12.4	12.8	12.9 -	13.4 +	12.5	12.3 +	12.2 +	5
Tagesmittel													
6	11.8 +	11.7 +	11.7 -	11.9	12.0 -	12.4	12.8	12.9 -	13.4 +	12.5	12.3 +	12.2 +	6
7	11.8 +	11.7 +	11.7 -	11.9	12.0 -	12.5	12.8	13.0	13.4 +	12.5	12.3 +	12.2 +	7
8	11.8 +	11.7 +	11.7 -	11.9	12.0 -	12.5	12.8	13.0	13.3	12.5	12.3 +	12.2 +	8
9	11.8 +	11.7 +	11.7 -	11.9	12.0 -	12.5	12.9	13.0	13.3	12.5	12.2	12.2 +	9
10	11.8 +	11.7 +	11.7 -	11.9	12.1	12.6	12.9	13.0	13.3	12.5	12.2	12.2 +	10
11	11.8 +	11.7 +	11.7 -	11.9	12.1	12.6	12.9	13.1	13.3	12.5	12.2	12.2 +	11
12	11.8 +	11.7 +	11.7 -	11.9	12.1	12.6	12.9	13.1	13.2	12.5	12.2	12.1 -	12
13	11.7 -	11.7 +	11.7 -	11.9	12.1	12.6	13.0 +	13.1	13.1	12.4	12.2	12.1 -	13
14	11.7 -	11.7 +	11.7 -	11.9	12.2	12.6	13.0 +	13.2	13.1	12.4	12.2	12.1 -	14
15	11.7 -	11.7 +	11.7 -	11.9	12.2	12.7 +	13.0 +	13.2	13.1	12.4	12.2	12.1 -	15
Max. +													
16	11.7 -	11.7 +	11.7 -	11.9	12.2	12.6	13.0 +	13.2	13.0	12.4	12.2	12.1 -	16
17	11.7 -	11.7 +	11.8 +	11.9	12.2	12.6	13.0 +	13.2	13.0	12.4	12.2	12.1 -	17
18	11.7 -	11.7 +	11.8 +	11.9	12.2	12.6	13.0 +	13.2	13.0	12.3 -	12.2	12.2 +	18
19	11.7 -	11.7 +	11.8 +	11.9	12.2	12.6	13.0 +	13.2	12.9	12.3 -	12.2	12.2 +	19
20	11.7 -	11.7 +	11.8 +	11.9	12.2	12.6	13.0 +	13.2	12.9	12.3 -	12.2	12.2 +	20
Min. -													
21	11.7 -	11.7 +	11.8 +	11.9	12.2	12.6	13.0 +	13.2	12.9	12.3 -	12.2	12.2 +	21
22	11.7 -	11.7 +	11.8 +	11.9	12.2	12.6	13.0 +	13.2	12.8	12.3 -	12.2	12.2 +	22
23	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.5	13.0 +	13.2	12.8	12.3 -	12.2	12.2 +	23
24	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.5	13.0 +	13.2	12.8	12.3 -	12.1 -	12.2 +	24
25	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.5	12.9	13.2	12.8	12.3 -	12.1 -	12.2 +	25
26	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.5	12.9	13.2	12.8	12.3 -	12.1 -	12.2 +	26
27	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.5	12.9	13.2	12.8	12.3 -	12.1 -	12.2 +	27
28	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.5	12.9	13.2	12.7 -	12.3 -	12.2	12.2 +	28
29	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.6	12.9	13.2	12.7 -	12.3 -	12.2	12.1 -	29
30	11.7 -	11.7 +	11.8 +	12.0 +	12.3 +	12.6	12.9	13.3 +	12.7 -	12.3 -	12.2	12.1 -	30
31	11.7 -	11.7 +	11.8 +	12.3 +	12.3 +	12.9	13.3 +	13.3 +	12.3 -	12.3 -	12.1 -	12.1 -	31
Monatsmittel	11.7 -	11.7 -	11.7 -	11.9	12.2	12.5	12.9	13.1 +	13.1 +	12.4	12.2	12.2	
Maximum	11.8 -	11.8 -	11.8 -	12.0	12.3	12.7	13.0	13.3	13.5 +	12.7	12.3	12.2	
Datum	01.01	03.02	16.03	22.04	23.05	15.06	13.07	29.08	06.09	01.10	01.11	01.12	
Minimum	11.7 -	11.7 -	11.7 -	11.8	12.0	12.3	12.6	12.9 +	12.7	12.3	12.1	12.1	
Datum	07.01	01.02	01.03	01.04	01.05	01.06	01.07	01.08	27.09	18.10	24.11	12.12	
Amplitude	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.8	0.4	0.2	0.1	
Jahr 2012	Mittel	12.3 °C		Maximum	13.5 (06.Sep)			Minimum	11.7 (07.Jan)			Amplitude	1.8 °C



Periode	2001 - 2012												
Monatsmittel	11.6 -	11.6 -	11.7	11.8	12.0	12.2	12.5 +	12.5 +	12.5 +	12.1	11.9	11.8	
Maximum	11.9	11.8 -	11.9	12.0	12.6	12.9	13.1	13.3	13.5 +	12.9	12.3	12.2	
Jahr	2011	2008	2008	2008	2011	2011	2010	2012	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	0.4	0.8 +	0.6	0.8 +	0.8 +	0.3	0.1 -	
Jahr	2011	2009	2009	2011	2011	2009	2010	2010	2012	2011	2011	2008	
Periode	Mittel	12.0 °C		Maximum	13.5 (06.Sep 2012)			Minimum	11.4 (16.Dez 2008)			Amplitude	2.1 °C

Darstellung der letzten 12 Jahre

