

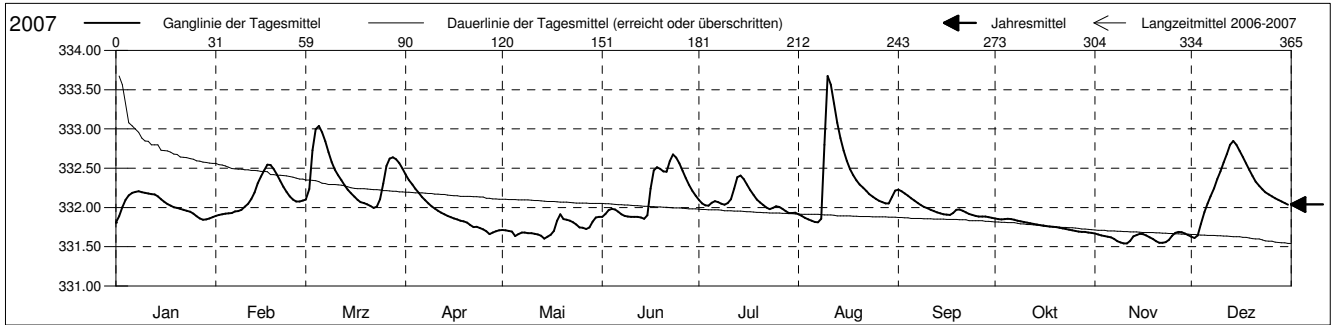
Grundwasserstände



Frenketal  
 Liestal 39.J.14 Gräubern  
 Abstichpunkt: 339.49 m ü.M.  
 OK Terrain: 339.70 m ü.M.

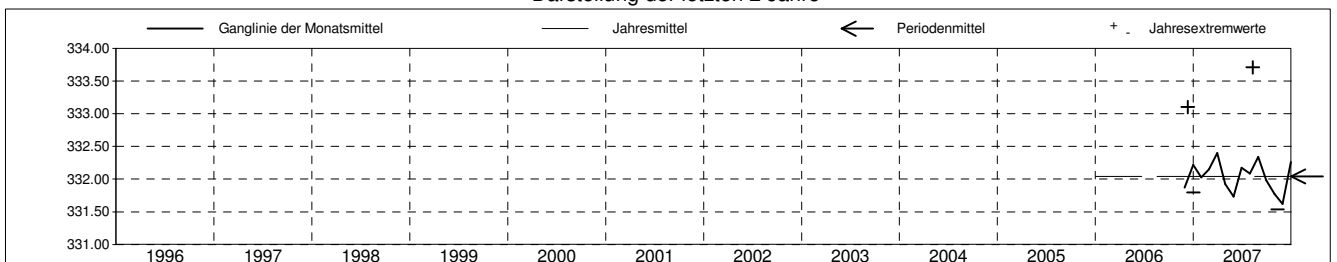
Amt für Umweltschutz und Energie  
 Kanton Basel-Landschaft  
 Koordinaten: 622947.00 / 257940.00

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	331.81 -	331.89 -	332.10	332.42 +	331.71	331.88	332.10	331.92	332.23 +	331.86 +	331.67	331.63	1
2	331.89	331.91	332.24	332.35	331.71	331.92	332.05	331.89	332.21	331.85	331.66	331.61 -	2
3	332.00	331.91	332.73	332.29	331.70	331.97	332.03	331.87	332.18	331.85	331.65	331.64	3
4	332.10	331.92	333.00	332.24	331.69	331.98	332.02	331.85	332.15	331.85	331.64	331.79	4
5	332.16	331.93	333.04 +	332.19	331.64	331.97	332.06	331.83	332.12	331.86 +	331.63	331.94	5
Tagesmittel													
6	332.19	331.93	332.96	332.13	331.66	331.95	332.08	331.82	332.09	331.85	331.62	332.05	6
7	332.20	331.95	332.84	332.09	331.68	331.91	332.07	331.81 -	332.06	331.84	331.60	332.14	7
8	332.21 +	331.95	332.70	332.05	331.68	331.89	332.05	331.86	332.03	331.83	331.57	332.24	8
9	332.19	331.97	332.58	332.02	331.67	331.88	332.04	332.80	332.01	331.82	331.55	332.36	9
10	332.19	332.01	332.48	331.99	331.67	331.88	332.06	333.67 +	331.99	331.82	331.54 -	332.46	10
11	332.18	332.05	332.41	331.96	331.66	331.88	332.10	333.56	331.97	331.81	331.54 -	332.57	11
12	332.17	332.11	332.35	331.93	331.66	331.88	332.24	333.32	331.95	331.80	331.58	332.68	12
13	332.17	332.19	332.29	331.91	331.64	331.87	332.39	333.08	331.94	331.79	331.63	332.80	13
14	332.14	332.31	332.23	331.89	331.60 -	331.85 -	332.41 +	332.88	331.93	331.78	331.65	332.85 +	14
Max. +	332.11	332.39	332.18	331.88	331.63	331.90	332.36	332.72	331.92	331.78	331.66	332.80	15
16	332.07	332.47	332.14	331.86	331.65	332.24	332.29	332.59	331.91	331.77	331.66	332.72	16
17	332.05	332.54 +	332.10	331.85	331.70	332.47	332.22	332.49	331.91	331.76	331.64	332.64	17
18	332.02	332.54 +	332.07	331.83	331.83	332.51	332.16	332.41	331.93	331.76	331.62	332.56	18
19	332.00	332.49	332.06	331.82	331.91 +	332.49	332.10	332.35	331.97	331.76	331.60	332.48	19
Min. -	331.99	332.42	332.04	331.81	331.85	332.46	332.06	332.29	331.98	331.75	331.57	332.40	20
21	331.98	332.34	332.02	331.78	331.84	332.46	332.03	332.25	331.96	331.74	331.55	332.33	21
22	331.97	332.27	332.00 -	331.75	331.83	332.59	332.00	332.21	331.94	331.73	331.55	332.28	22
23	331.96	332.20	332.01	331.75	331.81	332.67 +	331.98	332.17	331.92	331.73	331.56	332.23	23
24	331.95	332.14	332.10	331.74	331.78	332.64	332.00	332.14	331.90	331.72	331.59	332.20	24
25	331.92	332.10	332.31	331.72	331.75	332.56	332.02	332.11	331.89	331.71	331.64	332.17	25
26	331.89	332.08	332.53	331.70	331.74	332.47	332.01	332.09	331.89	331.70	331.68	332.14	26
27	331.86	332.07	332.62	331.66 -	331.73	332.38	331.98	332.07	331.89	331.70	331.69 +	332.12	27
28	331.85	332.09	332.64	331.68	331.75	332.29	331.96	332.05	331.88	331.69	331.69 +	332.10	28
29	331.85		332.61	331.70	331.82	332.21	331.93 -	332.05	331.88	331.69	331.67	332.08	29
30	331.86		332.56	331.71	331.87	332.15	331.93 -	332.13	331.87 -	331.68 -	331.65	332.06	30
31	331.88		332.49		331.88		331.93 -	332.22		331.68 -		332.04	31
Monatsmittel	332.03	332.15	332.40 +	331.92	331.73	332.17	332.09	332.34	331.98	331.77	331.62 -	332.26	
Maximum	332.21	332.56	333.06	332.46	331.93	332.68	332.42	333.71 +	332.23	331.86	331.69 -	332.86	
Datum	08.01	17.02	05.03	01.04	19.05	23.06	14.07	10.08	01.09	01.10	27.11	14.12	
Amplitude	0.41	0.67	1.07	0.80	0.32	0.83	0.50	1.90	0.37	0.19	0.15	1.25	
Jahr 2007	Mittel	332.04 m ü.M.		Maximum	333.71 (10.Aug)		Minimum	331.54 (11.Nov)		Amplitude	2.17 m		



Periode	2006 - 2007												
Monatsmittel	332.03	332.15	332.40 +	331.92	331.73 -	332.17	332.09	332.34	331.98	331.77	331.74	332.24	
Maximum	332.21	332.56	333.06	332.46	331.93 -	332.68	332.42	333.71 +	332.23	332.08	331.98	333.10	
Jahr 2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	2006	
Minimum	331.80	331.88	331.99 +	331.65	331.60	331.85	331.92	331.81	331.86	331.67	331.54 -	331.61	
Jahr 2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	
Amplitude	0.41	0.67	1.07	0.80	0.32	0.83	0.50	1.90 +	0.37	0.19	0.17 -	1.30	
Jahr 2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	
Periode	Mittel	332.04 m ü.M.		Maximum	333.71 (10.Aug 2007)		Minimum	331.54 (11.Nov 2007)		Amplitude	2.17 m		

Darstellung der letzten 2 Jahre



**Grundwassertemperatur**



Frenketal

Liestal

Abstichpunkt:

OK Terrain:

39.J.14

339.49

339.70

Gräubern

m ü.M.

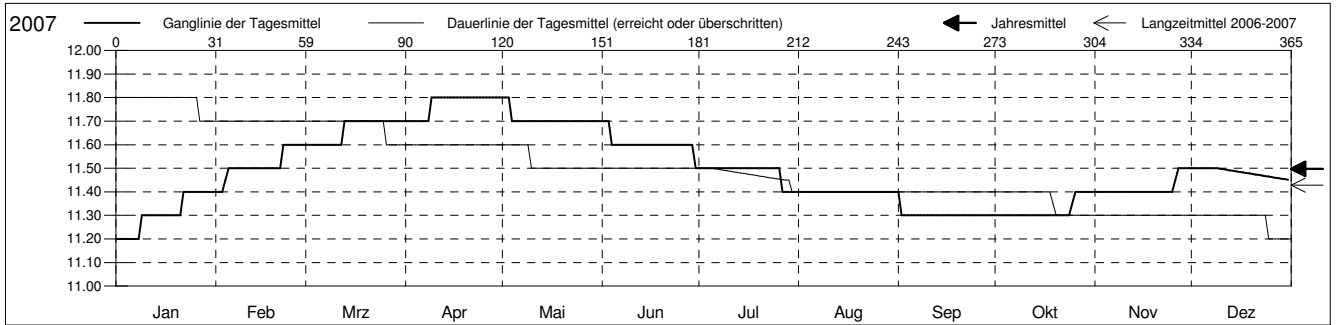
m ü.M.

**Amt für Umweltschutz und Energie**

**Kanton Basel-Landschaft**

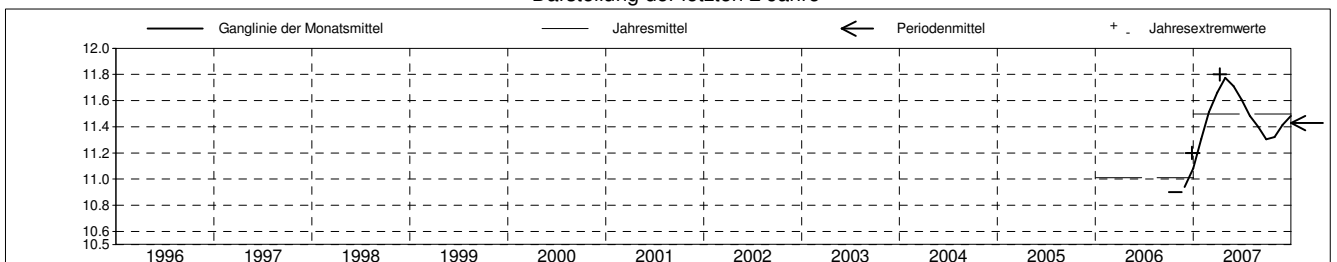
Koordinaten: 622947.00 / 257940.00

2007	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.2 -	11.4 -	11.6 -	11.7 -	11.8 +	11.7 +	11.5 +	11.4 +	11.4 +	11.3 -	11.4 -	11.5 +	1
2	11.2 -	11.4 -	11.6 -	11.7 -	11.8 +	11.7 +	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	2
3	11.2 -	11.4 -	11.6 -	11.7 -	11.8 +	11.7 +	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	3
4	11.2 -	11.4 -	11.6 -	11.7 -	11.7 -	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	4
5	11.2 -	11.5	11.6 -	11.7 -	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	5
Tagesmittel													
6	11.2 -	11.5	11.6 -	11.7 -	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	6
7	11.2 -	11.5	11.6 -	11.7 -	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	7
8	11.2 -	11.5	11.6 -	11.7 -	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	8
9	11.3	11.5	11.6 -	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	9
10	11.3	11.5	11.6 -	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	10
11	11.3	11.5	11.6 -	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	11
12	11.3	11.5	11.6 -	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	12
13	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	13
14	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	14
15	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	15
Max. +													
16	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	16
17	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	17
18	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	18
19	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	19
20	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	20
Min. -													
21	11.3	11.5	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	21
22	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	22
23	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	23
24	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.3 -	11.4 -	11.5 +	24
25	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.4 +	11.4 -	11.5 +	25
26	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.5 +	11.4 +	11.3 -	11.4 +	11.4 -	11.5 +	26
27	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.4 -	11.4 +	11.3 -	11.4 +	11.5 +	11.5 +	27
28	11.4 +	11.6 +	11.7 +	11.8 +	11.7 -	11.6	11.4 -	11.4 +	11.3 -	11.4 +	11.5 +	11.5 +	28
29	11.4 +		11.7 +	11.8 +	11.7 -	11.6	11.4 -	11.4 +	11.3 -	11.4 +	11.5 +	11.5 +	29
30	11.4 +		11.7 +	11.8 +	11.7 -	11.5 -	11.4 -	11.4 +	11.3 -	11.4 +	11.5 +	11.5 +	30
31	11.4 +		11.7 +		11.7 -		11.4 -	11.4 +		11.4 +		11.5 +	31
Monatsmittel	11.3 -	11.5	11.7	11.8 +	11.7	11.6	11.5	11.4	11.3 -	11.3 -	11.4	11.5	
Maximum	11.4 -	11.6	11.7	11.8 +	11.8 +	11.7	11.5	11.4 -	11.4 -	11.4 -	11.5	11.5	
Datum	22.01	22.02	13.03	09.04	01.05	01.06	01.07	01.08	01.09	25.10	26.11	01.12	
Minimum	11.2 -	11.4	11.6	11.7 +	11.7 +	11.5	11.4	11.4	11.3	11.3	11.4	11.5	
Datum	01.01	01.02	01.03	01.04	04.05	30.06	27.07	01.08	02.09	01.10	01.11	31.12	
Amplitude	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.0 +	0.1	0.1	0.1	0.0 +	
Jahr 2007	Mittel	11.5 °C		Maximum	11.8 (09.Apr)		Minimum	11.2 (01.Jan)		Amplitude	0.6 °C		



Periode	2006 - 2007												
Monatsmittel	11.3	11.5	11.7	11.8 +	11.7	11.6	11.5	11.4	11.3	11.3	11.2 -	11.3	
Maximum	11.4 -	11.6	11.7	11.8 +	11.8 +	11.7	11.5	11.4 -	11.4 -	11.4 -	11.5	11.5	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	
Minimum	11.2	11.4	11.6	11.7 +	11.7 +	11.5	11.4	11.4	11.3	10.9 -	10.9 -	11.0	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	2006	
Amplitude	0.2 +	0.2 +	0.1	0.1	0.1	0.2 +	0.1	0.0 -	0.1	0.1	0.1	0.2 +	
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2006	2006	
Periode	Mittel	11.4 °C		Maximum	11.8 (09.Apr 2007)		Minimum	10.9 (25.Okt 2006)		Amplitude	0.9 °C		

Darstellung der letzten 2 Jahre



# Grundwasserspiegel im Frenketal

Station 39.J.14 Liestal

Opm 214843

Gräubern

Koordinaten: 622'947 / 257'940

Messwerte: **Grundwasserspiegel**  
**Temperatur** (ab Okt. 2006)

OK. Abstich  
339.49 m ü.M.  
OK. Terrain  
339.70 m ü.M.

