

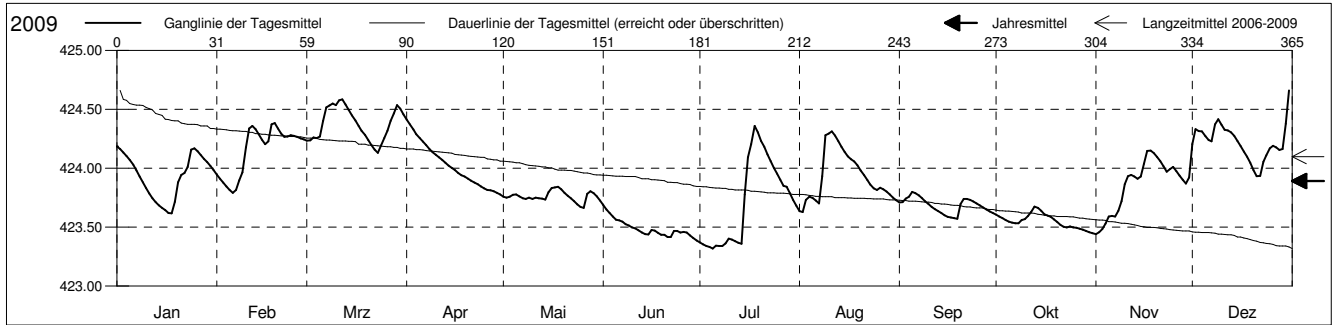
Grundwasserstände



Frenketal
 Hölstein 86.J.22 Kirchgasse
 Abstichpunkt: 428.07 m ü.M.
 OK Terrain: 428.20 m ü.M.

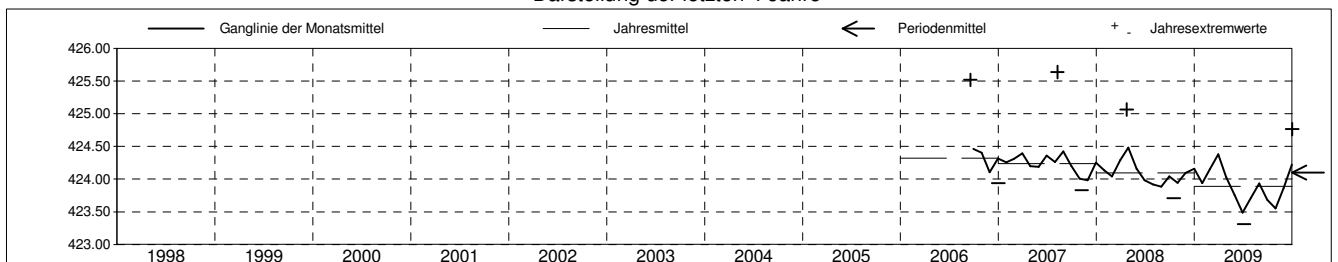
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 624928.75 / 252499.03

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	424.18 +	423.95	424.23	424.41 +	423.76	423.69 +	423.37	423.64	423.71	423.61	423.44 -	424.20	1
2	424.16	423.91	424.24	424.37	423.75	423.65	423.35	423.63 -	423.71	423.59	423.46	424.33	2
3	424.13	423.88	424.26	424.33	423.76	423.62	423.34	423.73	423.74	423.58	423.49	424.32	3
4	424.10	423.85	424.25	424.29	423.78	423.59	423.33	423.76	423.76	423.56	423.53	424.31	4
5	424.07	423.81	424.27	424.26	423.78	423.56	423.32 -	423.75	423.80 +	423.55	423.59	424.27	5
Tagesmittel													
6	424.03	423.79 -	424.40	424.23	423.76	423.56	423.34	423.73	423.79	423.54	423.60	424.24	6
7	423.98	423.81	424.52	424.20	423.75	423.55	423.34	423.70	423.77	423.53	423.59	424.23	7
8	423.93	423.90	424.53	424.16	423.74	423.53	423.34	423.93	423.75	423.53	423.64	424.37	8
9	423.88	423.96	424.55	424.14	423.75	423.51	423.36	424.28	423.72	423.56	423.72	424.42	9
10	423.83	424.18	424.54	424.11	423.74	423.50	423.40	424.29	423.69	423.57	423.86	424.37	10
11	423.79	424.34	424.58 +	424.09	423.75	423.49	423.40	424.31 +	423.67	423.60	423.93	424.33	11
12	423.74	424.36	424.58 +	424.07	423.75	423.47	423.38	424.28	423.65	423.63	423.94	424.32	12
13	423.71	424.33	424.54	424.05	423.74	423.46	423.37	424.23	423.64	423.67 +	423.93	424.31	13
14	423.68	424.29	424.50	424.02	423.73	423.44	423.36	424.18	423.62	423.66	423.91	424.27	14
15	423.66	424.24	424.45	424.00	423.80	423.44	423.78	424.14	423.60	423.64	423.93	424.23	15
Max. +													
16	423.64	424.20	424.40	423.98	423.83	423.48	423.49	424.10	423.59	423.61	424.04	424.19	16
17	423.62 -	424.23	424.36	423.96	423.84 +	423.47	424.20	424.08	423.58	423.60	424.15 +	424.14	17
18	423.62 -	424.37	424.32	423.94	423.84 +	423.45	424.36 +	424.06	423.58	423.59	424.15 +	424.10	18
19	423.71	424.38 +	424.28	423.93	423.82	423.44	424.31	424.02	423.57 -	423.57	424.13	424.05	19
20	423.88	424.34	424.24	423.91	423.79	423.44	424.23	423.98	423.70	423.54	424.10	423.98	20
Min. -													
21	423.94	424.29	424.20	423.90	423.77	423.42	424.18	423.94	423.74	423.52	424.06	423.93 -	21
22	423.96	424.27	424.16	423.88	423.75	423.42	424.12	423.90	423.74	423.50	424.02	423.94	22
23	424.01	424.27	424.13 -	423.86	423.72	423.47	424.06	423.86	423.73	423.50	423.97	424.06	23
24	424.16	424.28	424.19	423.85	423.69	423.47	424.00	423.83	423.72	423.51	423.99	424.11	24
25	424.17	424.28	424.26	423.83	423.67	423.46	423.95	423.82	423.70	423.50	424.01	424.17	25
26	424.14	424.27	424.32	423.82	423.66 -	423.46	423.90	423.83	423.69	423.49	423.97	424.19	26
27	424.11	424.25	424.40	423.81	423.78	423.45	423.85	423.82	423.67	423.49	423.94	424.18	27
28	424.08	424.24	424.46	423.80	423.80	423.43	423.84	423.80	423.65	423.48	423.90	424.15	28
29	424.05		424.54	423.79	423.79	423.41	423.79	423.78	423.63	423.47	423.87	424.16	29
30	424.02		424.51	423.78 -	423.76	423.39 -	423.73	423.75	423.62	423.46	423.92	424.38	30
31	423.98		424.46		423.73		423.68	423.73		423.45 -		424.66 +	31
Monatsmittel	423.94	424.15	424.38 +	424.03	423.76	423.49 -	423.71	423.93	423.68	423.55	423.86	424.22	
Maximum	424.19	424.40	424.60	424.44	423.84	423.71	424.37	424.32	423.80	423.68 -	424.15	424.76 +	
Datum	01.01	18.02	12.03	01.04	18.05	01.06	18.07	11.08	05.09	13.10	18.11	31.12	
Amplitude	0.59	0.61	0.47	0.67	0.20	0.33	1.05	0.72	0.24	0.23	0.72	0.85	
Jahr 2009	Mittel	423.89 m ü.M.		Maximum	424.76 (31.Dez)		Minimum	423.31 (05.Jul)		Amplitude	1.45 m		



Periode	2006 - 2009												
Monatsmittel	424.11	424.17	424.35 +	424.23	424.04	423.94 -	423.96	424.08	424.10	423.98	424.01	424.24	
Maximum	424.39 -	424.45	424.72	425.06	424.42	424.74	424.46	425.64 +	425.52	425.02	424.72	424.87	
Jahr	2007	2007	2007	2008	2007	2007	2007	2007	2006	2006	2008	2006	
Minimum	423.60	423.79	423.99 +	423.77	423.65	423.38	423.31 -	423.60	423.57	423.44	423.44	423.84	
Jahr	2009	2009	2008	2009	2009	2009	2009	2009	2009	2009	2009	2008	
Amplitude	0.59	0.61	0.52	0.88	0.35 -	0.59	1.05	1.57 +	1.43	1.11	0.87	0.93	
Jahr	2009	2009	2008	2008	2007	2007	2009	2007	2006	2008	2008	2006	
Periode	Mittel	424.10 m ü.M.		Maximum	425.64 (09.Aug 2007)		Minimum	423.31 (05.Jul 2009)		Amplitude	2.32 m		

Darstellung der letzten 4 Jahre



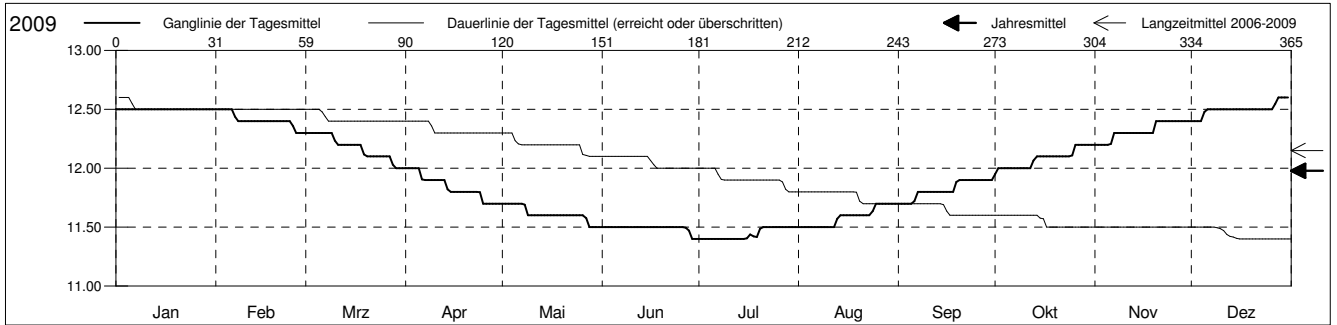
Grundwassertemperatur



Frenketal
 Hölstein 86.J.22 Kirchgasse
 Abstichpunkt: 428.07 m ü.M.
 OK Terrain: 428.20 m ü.M.

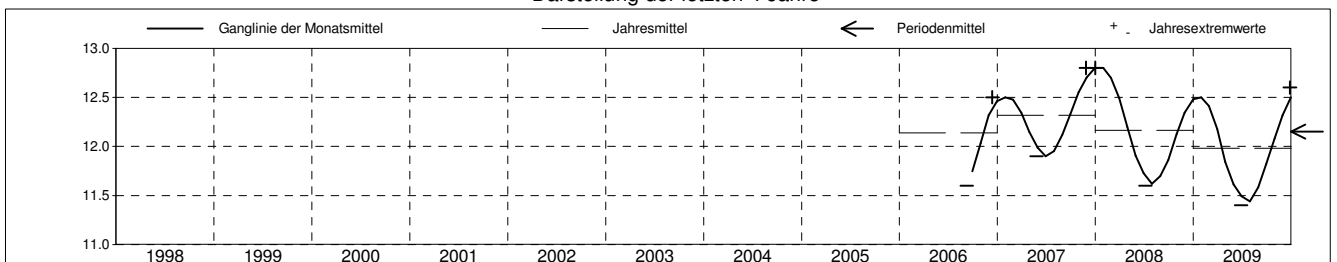
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 624928.75 / 252499.03

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	12.5 +	12.5 +	12.3 +	12.0 +	11.7 +	11.5 +	11.4 -	11.5 -	11.7 -	11.9 -	12.2 -	12.4 -	1	
2	12.5 +	12.5 +	12.3 +	12.0 +	11.7 +	11.5 +	11.4 -	11.5 -	11.7 -	12.0	12.2 -	12.4 -	2	
3	12.5 +	12.5 +	12.3 +	12.0 +	11.7 +	11.5 +	11.4 -	11.5 -	11.7 -	12.0	12.2 -	12.4 -	3	
4	12.5 +	12.5 +	12.3 +	12.0 +	11.7 +	11.5 +	11.4 -	11.5 -	11.7 -	12.0	12.2 -	12.4 -	4	
5	12.5 +	12.5 +	12.3 +	12.0 +	11.7 +	11.5 +	11.4 -	11.5 -	11.7 -	12.0	12.2 -	12.5	5	
Tagesmittel														
6	12.5 +	12.5 +	12.3 +	11.9	11.7 +	11.5 +	11.4 -	11.5 -	11.7 -	12.0	12.2 -	12.5	6	
7	12.5 +	12.4	12.3 +	11.9	11.7 +	11.5 +	11.4 -	11.5 -	11.8	12.0	12.3	12.5	7	
8	12.5 +	12.4	12.3 +	11.9	11.7 +	11.5 +	11.4 -	11.5 -	11.8	12.0	12.3	12.5	8	
9	12.5 +	12.4	12.3 +	11.9	11.6	11.5 +	11.4 -	11.5 -	11.8	12.0	12.3	12.5	9	
10	12.5 +	12.4	12.2	11.9	11.6	11.5 +	11.4 -	11.5 -	11.8	12.0	12.3	12.5	10	
11	12.5 +	12.4	12.2	11.9	11.6	11.5 +	11.4 -	11.5 -	11.8	12.0	12.3	12.5	11	
12	12.5 +	12.4	12.2	11.9	11.6	11.5 +	11.4 -	11.5 -	11.8	12.0	12.3	12.5	12	
13	12.5 +	12.4	12.2	11.9	11.6	11.5 +	11.4 -	11.6	11.8	12.1	12.3	12.5	13	
14	12.5 +	12.4	12.2	11.8	11.6	11.5 +	11.4 -	11.6	11.8	12.1	12.3	12.5	14	
15	12.5 +	12.4	12.2	11.8	11.6	11.5 +	11.4 -	11.6	11.8	12.1	12.3	12.5	15	
Max. +														
16	12.5 +	12.4	12.2	11.8	11.6	11.5 +	11.4 -	11.6	11.8	12.1	12.3	12.5	16	
17	12.5 +	12.4	12.2	11.8	11.6	11.5 +	11.4 -	11.6	11.8	12.1	12.3	12.5	17	
18	12.5 +	12.4	12.2	11.8	11.6	11.5 +	11.4 -	11.6	11.8	12.1	12.3	12.5	18	
19	12.5 +	12.4	12.1	11.8	11.6	11.5 +	11.4 -	11.6	11.9 +	12.1	12.3	12.5	19	
20	12.5 +	12.4	12.1	11.8	11.6	11.5 +	11.5 +	11.6	11.9 +	12.1	12.4 +	12.5	20	
Min. -														
21	12.5 +	12.4	12.1	11.8	11.6	11.5 +	11.5 +	11.6	11.9 +	12.1	12.4 +	12.5	21	
22	12.5 +	12.4	12.1	11.8	11.6	11.5 +	11.5 +	11.6	11.9 +	12.1	12.4 +	12.5	22	
23	12.5 +	12.4	12.1	11.8	11.6	11.5 +	11.5 +	11.6	11.9 +	12.1	12.4 +	12.5	23	
24	12.5 +	12.4	12.1	11.8	11.6	11.5 +	11.5 +	11.6	11.9 +	12.1	12.4 +	12.5	24	
25	12.5 +	12.4	12.1	11.7 -	11.6	11.5 +	11.5 +	11.7 +	11.9 +	12.1	12.4 +	12.5	25	
26	12.5 +	12.3 -	12.1	11.7 -	11.6	11.5 +	11.5 +	11.7 +	11.9 +	12.2 +	12.4 +	12.5	26	
27	12.5 +	12.3 -	12.1	11.7 -	11.6	11.5 +	11.5 +	11.7 +	11.9 +	12.2 +	12.4 +	12.5	27	
28	12.5 +	12.3 -	12.0 -	11.7 -	11.5 -	11.5 +	11.5 +	11.7 +	11.9 +	12.2 +	12.4 +	12.6 +	28	
29	12.5 +		12.0 -	11.7 -	11.5 -	11.4 -	11.5 +	11.7 +	11.9 +	12.2 +	12.4 +	12.6 +	29	
30	12.5 +		12.0 -	11.7 -	11.5 -	11.4 -	11.5 +	11.7 +	11.9 +	12.2 +	12.4 +	12.6 +	30	
31	12.5 +		12.0 -		11.5 -		11.5 +	11.7 +		12.2 +		12.6 +	31	
Monatsmittel	12.5 +	12.4	12.2	11.8	11.6	11.5	11.4 -	11.6	11.8	12.1	12.3	12.5 +		
Maximum	12.5	12.5	12.3	12.0	11.7	11.5 -	11.5 -	11.7	11.9	12.2	12.4	12.6 +		
Datum	01.01	01.02	01.03	01.04	01.05	01.06	16.07	24.08	19.09	25.10	20.11	27.12		
Minimum	12.5 +	12.3	12.0	11.7	11.5	11.4 -	11.4 -	11.5	11.7	11.9	12.2	12.4		
Datum	01.01	25.02	28.03	24.04	27.05	27.06	01.07	01.08	01.09	01.10	01.11	01.12		
Amplitude	0.0 +	0.2	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.2		
Jahr 2009	Mittel	12.0 °C			Maximum	12.6 (27.Dez)		Minimum	11.4 (27.Jun)			Amplitude	1.2 °C	



Periode	2006 - 2009													
Monatsmittel	12.6 +	12.5	12.3	12.1	11.8	11.7 -	11.7 -	11.8	11.9	12.2	12.4	12.6 +		
Maximum	12.8 +	12.8 +	12.6	12.3	12.1	11.9 -	12.0	12.2	12.4	12.6	12.8 +	12.8 +		
Jahr	2008	2008	2008	2008	2007	2007	2007	2007	2007	2007	2007	2007		
Minimum	12.5 +	12.3	12.0	11.7	11.5	11.4 -	11.4 -	11.5	11.6	11.9	12.2	12.4		
Jahr	2007	2009	2009	2009	2009	2009	2009	2009	2006	2006	2006	2006		
Amplitude	0.0 -	0.2	0.3 +	0.3 +	0.2	0.1	0.1	0.2	0.3 +	0.3 +	0.2	0.2		
Jahr	2007	2008	2008	2008	2007	2008	2007	2007	2006	2006	2006	2009		
Periode	Mittel	12.2 °C			Maximum	12.8 (27.Nov 2007)		Minimum	11.4 (27.Jun 2009)			Amplitude	1.4 °C	

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Frenketal

Station 86.J.22 Hölstein

Opm 213402

Kirchgasse 8

Koordinaten: 624'928.78 / 252'499.03

OK. Abstich

428.07 m ü.M.

OK. Terrain = Kirchgasse

428.20 m ü.M.

Messwerte:

Grundwasserspiegel

Temperatur

