

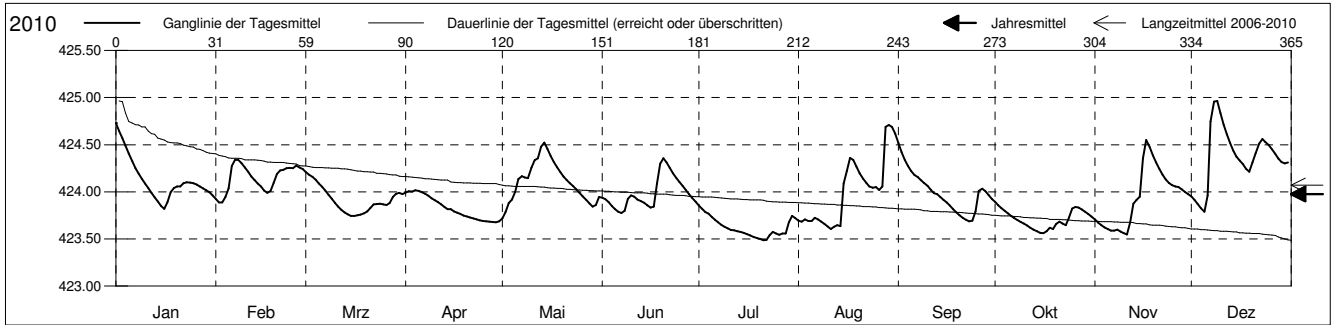
**Grundwasserstände**



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

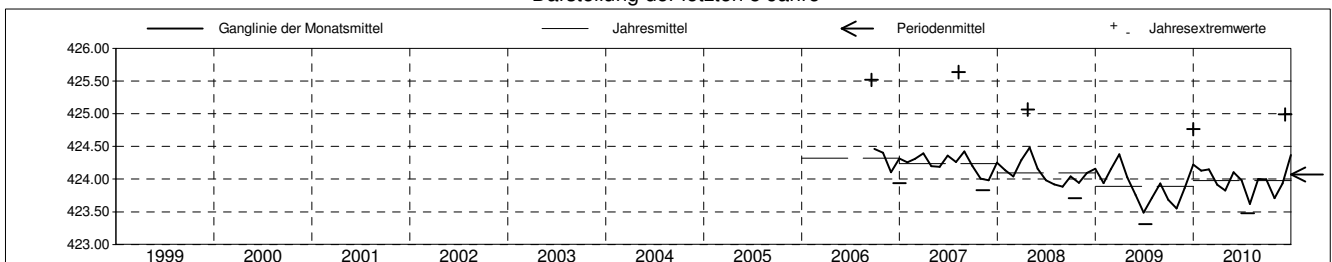
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 624928.75 / 252499.03

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	424.73 +	423.93	424.21 +	423.99	423.72 -	423.94	423.85 +	423.69	424.52 +	423.89 +	423.71	423.95	1
2	424.65	423.89 -	424.18	424.00	423.78	423.92	423.82	423.68	424.42	423.86	423.67	423.91	2
3	424.57	423.89 -	424.16	424.00	423.88	423.89	423.79	423.71	424.34	423.83	423.65	423.87	3
4	424.49	423.95	424.13	424.02 +	423.92	423.85	423.77	423.69	424.28	423.80	423.62	423.82	4
5	424.41	424.04	424.09	424.01	424.00	423.82	423.73	423.69	424.22	423.77	423.60	423.79 -	5
Tagesmittel													
6	424.33	424.28	424.05	424.00	424.13	423.79	423.70	423.72	424.18	423.75	423.59	423.96	6
7	424.25	424.34 +	424.01	423.98	424.17	423.77 -	423.67	423.71	424.15	423.72	423.59	424.75	7
8	424.19	424.34 +	423.97	423.96	424.15	423.80	423.65	423.68	424.13	423.70	423.60	424.96 +	8
9	424.14	424.30	423.93	423.93	424.15	423.93	423.63	423.66	424.09	423.68	424.58	424.96 +	9
10	424.09	424.26	423.88	423.91	424.26	423.96	423.61	423.63	424.06	423.66	423.56	424.83	10
11	424.04	424.21	423.84	423.89	424.33	423.95	423.60	423.60 -	424.02	423.64	423.55 -	424.71	11
12	423.99	424.16	423.81	423.87	424.35	423.92	423.59	423.63	423.99	423.62	423.68	424.61	12
13	423.94	424.12	423.78	423.84	424.48	423.90	423.58	423.65	423.98	423.60	423.87	424.52	13
14	423.90	424.09	423.76	423.82	424.52 +	423.88	423.58	423.64	423.95	423.58	423.91	424.44	14
15	423.85	424.06	423.75	423.82	424.46	423.86	423.57	424.09	423.91	423.57	423.95	424.37	15
Max. +													
16	423.82 -	424.01	423.74 -	423.79	424.38	423.83	423.55	424.22	423.89	423.56 -	424.36	424.33	16
17	423.89	423.99	423.75	423.78	424.31	423.84	423.54	424.36	423.85	423.58	424.55 +	424.29	17
18	424.00	424.01	423.76	423.76	424.26	424.09	423.52	424.34	423.82	423.62	424.48	424.25	18
19	424.04	424.10	423.77	423.75	424.21	424.30	423.51	424.27	423.78	423.60	424.39	424.21	19
20	424.06	424.19	423.79	423.74	424.16	424.36 +	423.50	424.20	423.75	423.66	424.31	424.31	20
Min. -													
21	424.06	424.23	423.83	423.73	424.12	424.31	423.49 -	424.14	423.73	423.68	424.24	424.41	21
22	424.09	424.23	423.87	423.72	424.09	424.25	423.49 -	424.09	423.70	423.66	424.18	424.51	22
23	424.10	424.25	423.87	423.71	424.06	424.20	423.54	424.06	423.69 -	423.65	424.13	424.56	23
24	424.10	424.25	423.87	423.70	424.03	424.15	423.57	424.04	423.69 -	423.73	424.10	424.53	24
25	424.09	424.25	423.87	423.69	423.99	424.10	423.56	424.05	423.79	423.82	424.07	424.50	25
26	424.08	424.28	423.86	423.69	423.95	424.06	423.54	424.02	424.01	423.84	424.06	424.45	26
27	424.06	424.26	423.88	423.68 -	423.92	424.02	423.56	424.06	424.03	423.83	424.05	424.40	27
28	424.04	424.24	423.94	423.68 -	423.88	423.98	423.56	424.69	424.00	423.81	424.03	424.35	28
29	424.02		423.98	423.68 -	423.84	423.93	423.68	424.71 +	423.96	423.79	424.00	424.31	29
30	424.00		423.99	423.69	423.86	423.89	423.74	424.69	423.92	423.76	423.98	424.30	30
31	423.96		423.98		423.94		423.72	424.62		423.74		424.31	31
Monatsmittel	424.13	424.15	423.91	423.83	424.11	423.98	423.62 -	424.00	424.00	423.71	423.93	424.37 +	
Maximum	424.76	424.35	424.23	424.02	424.54	424.37	423.87 -	424.78	424.57	423.90	424.56	424.99 +	
Datum	01.01	07.02	01.03	04.04	14.05	20.06	01.07	28.08	01.09	01.10	17.11	09.12	
Amplitude	0.96	0.48	0.49	0.35	0.85	0.61	0.40	1.20	0.90	0.35	1.02	1.21	
Jahr 2010	Mittel	423.98 m ü.M.			Maximum	424.99 (09.Dez)		Minimum	423.48 (22.Jul)		Amplitude	1.51 m	



Periode	2006 - 2010												
Monatsmittel	424.11	424.16	424.24	424.13	424.05	423.95	423.88 -	424.06	424.08	423.92	424.00	424.26 +	
Maximum	424.76	424.45 -	424.72	425.06	424.54	424.74	424.46	425.64 +	425.52	425.02	424.72	424.99	
Jahr	2010	2007	2007	2008	2010	2007	2007	2007	2006	2006	2008	2010	
Minimum	423.60	423.79 +	423.74	423.67	423.65	423.38	423.31 -	423.58	423.57	423.44	423.44	423.78	
Jahr	2009	2009	2010	2010	2009	2009	2009	2010	2009	2009	2009	2010	
Amplitude	0.96	0.61	0.52 -	0.88	0.85	0.61	1.05	1.57 +	1.43	1.11	1.02	1.21	
Jahr	2010	2009	2008	2008	2010	2010	2009	2007	2006	2008	2010	2010	
Periode	Mittel	424.07 m ü.M.			Maximum	425.64 (09.Aug 2007)		Minimum	423.31 (05.Jul 2009)		Amplitude	2.32 m	

Darstellung der letzten 5 Jahre



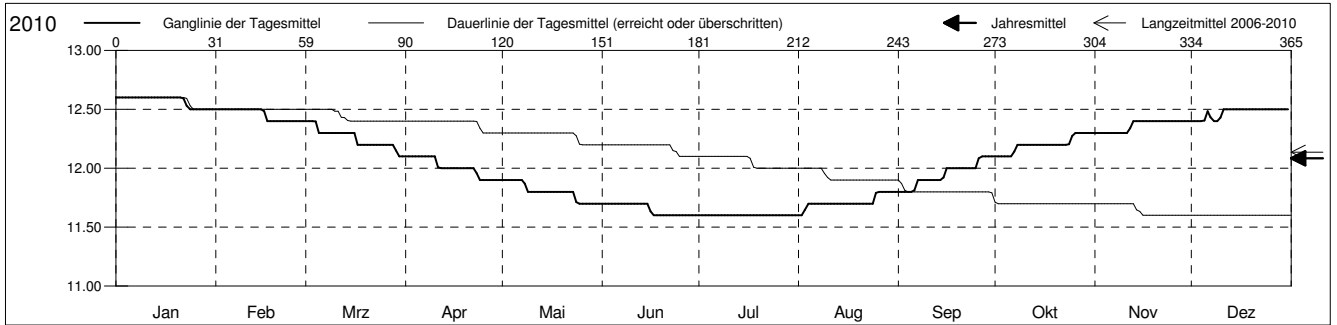
**Grundwassertemperatur**



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

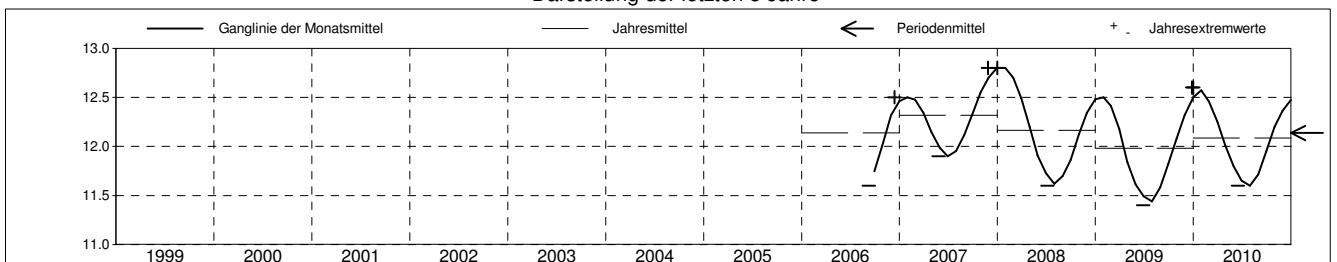
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
Koordinaten: 624928.75 / 252499.03

2010	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	12.6 +	12.5 +	12.4 +	12.1 +	11.9 +	11.7 +	11.6 +	11.6 -	11.8 -	12.1 -	12.3 -	12.4 -	1
2	12.6 +	12.5 +	12.4 +	12.1 +	11.9 +	11.7 +	11.6 +	11.6 -	11.8 -	12.1 -	12.3 -	12.4 -	2
3	12.6 +	12.5 +	12.4 +	12.1 +	11.9 +	11.7 +	11.6 +	11.6 -	11.8 -	12.1 -	12.3 -	12.4 -	3
4	12.6 +	12.5 +	12.4 +	12.1 +	11.9 +	11.7 +	11.6 +	11.7	11.8 -	12.1 -	12.3 -	12.4 -	4
5	12.6 +	12.5 +	12.3	12.1 +	11.9 +	11.7 +	11.6 +	11.7	11.8 -	12.1 -	12.3 -	12.4 -	5
Tagesmittel													
6	12.6 +	12.5 +	12.3	12.1 +	11.9 +	11.7 +	11.6 +	11.7	11.8 -	12.1 -	12.3 -	12.5 +	6
7	12.6 +	12.5 +	12.3	12.1 +	11.9 +	11.7 +	11.6 +	11.7	11.9	12.1 -	12.3 -	12.4 -	7
8	12.6 +	12.5 +	12.3	12.1 +	11.9 +	11.7 +	11.6 +	11.7	11.9	12.2	12.3 -	12.4 -	8
9	12.6 +	12.5 +	12.3	12.1 +	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.3 -	12.4 -	9
10	12.6 +	12.5 +	12.3	12.1 +	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.3 -	12.4 -	10
11	12.6 +	12.5 +	12.3	12.0	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.3 -	12.5 +	11
12	12.6 +	12.5 +	12.3	12.0	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.3 -	12.5 +	12
13	12.6 +	12.5 +	12.3	12.0	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.4 +	12.5 +	13
14	12.6 +	12.5 +	12.3	12.0	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.4 +	12.5 +	14
15	12.6 +	12.5 +	12.3	12.0	11.8	11.7 +	11.6 +	11.7	11.9	12.2	12.4 +	12.5 +	15
Max. +													
16	12.6 +	12.5 +	12.3	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	16
17	12.6 +	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	17
18	12.6 +	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	18
19	12.6 +	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	19
20	12.6 +	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	20
Min. -													
21	12.6 +	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	21
22	12.6 +	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	22
23	12.5 -	12.4 -	12.2	12.0	11.8	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	23
24	12.5 -	12.4 -	12.2	11.9 -	11.7 -	11.6 -	11.6 +	11.7	12.0	12.2	12.4 +	12.5 +	24
25	12.5 -	12.4 -	12.2	11.9 -	11.7 -	11.6 -	11.6 +	11.8 +	12.0	12.3 +	12.4 +	12.5 +	25
26	12.5 -	12.4 -	12.2	11.9 -	11.7 -	11.6 -	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	12.5 +	26
27	12.5 -	12.4 -	12.2	11.9 -	11.7 -	11.6 -	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	12.5 +	27
28	12.5 -	12.4 -	12.2	11.9 -	11.7 -	11.6 -	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	12.5 +	28
29	12.5 -		12.1 -	11.9 -	11.7 -	11.6 -	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	12.5 +	29
30	12.5 -		12.1 -	11.9 -	11.7 -	11.6 -	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	12.5 +	30
31	12.5 -		12.1 -		11.7 -		11.6 +	11.8 +		12.3 +		12.5 +	31
Monatsmittel	12.6 +	12.5	12.3	12.0	11.8	11.7	11.6 -	11.7	11.9	12.2	12.4	12.5	
Maximum	12.6 +	12.5	12.4	12.1	11.9	11.7	11.6 -	11.8	12.1	12.3	12.4	12.5	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	01.07	25.08	26.09	24.10	12.11	05.12	
Minimum	12.5 +	12.4	12.1	11.9	11.7	11.6 -	11.6 -	11.6 -	11.8	12.1	12.3	12.4	
Datum	22.01	16.02	29.03	23.04	24.05	16.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.1	0.1	0.3	0.2	0.2	0.1	0.0 +	0.2	0.3	0.2	0.1	0.1	
Jahr 2010	Mittel	12.1 °C		Maximum	12.6 (01.Jan)		Minimum	11.6 (16.Jun)		Amplitude	1.0 °C		



Periode	2006 - 2010												
Monatsmittel	12.6 +	12.5	12.3	12.0	11.8	11.7 -	11.7 -	11.8	11.9	12.2	12.4	12.5	
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	0.1 -	0.2	0.3 +	0.3 +	0.2	0.1 -	0.1 -	0.2	0.3 +	0.3 +	0.2	0.2	
Jahr	2010	2008	2008	2008	2007	2008	2007	2007	2010	2006	2006	2009	
Periode	Mittel	12.1 °C		Maximum	12.8 (27.Nov 2007)		Minimum	11.4 (27.Jun 2009)		Amplitude	1.4 °C		

Darstellung der letzten 5 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

