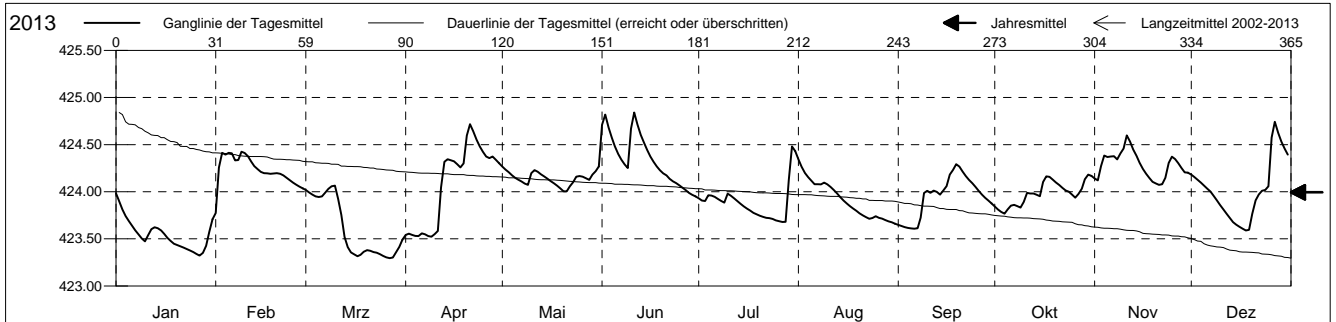


**Grundwasserstände**

Frenketal  
 Hölstein 86.J.22 Kirchgasse  
 Abstichpunkt: 0.00 m ü.M.  
 OK Terrain: 0.00 m ü.M.

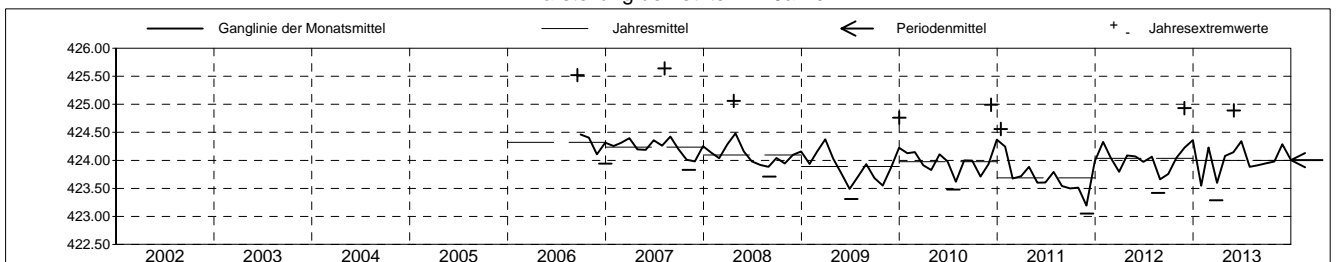
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	423.98 +	423.77 -	424.02	423.54	424.27 +	424.71	423.93	424.35 +	423.65	423.84	424.14	424.18	1
2	423.90	424.26	423.99	423.56	424.24	424.82	423.91	424.27	423.64	423.81	424.12	424.16	2
3	423.81	424.41	423.97	423.54	424.21	424.68	423.90	424.20	423.62	423.79	424.27	424.13	3
4	423.74	424.39	423.95	423.53	424.18	424.57	423.96	424.15	423.62	423.77 -	424.38	424.10	4
5	423.69	424.41	423.94	423.53	424.15	424.48	423.96	424.12	423.61 -	423.81	424.37	424.06	5
6	423.64	424.41	423.95	423.56	424.13	424.40	423.95	424.08	423.61 -	423.85	424.37	424.03	6
7	423.59	424.33	423.99	423.55	424.11	424.34	423.92	424.08	423.61 -	423.86	424.38	424.00	7
8	423.55	424.34	424.03	423.53	424.09	424.29	423.90	424.08	423.73	423.85	424.34	423.96	8
9	423.50	424.43 +	424.06 +	423.52 -	424.07	424.25	423.89	424.10	423.99	423.83	424.41	423.91	9
10	423.47	424.41	424.06 +	423.55	424.20	424.67	423.98	424.08	424.01	423.89	424.46	423.86	10
11	423.54	424.37	423.92	423.58	424.23	424.84 +	423.96	424.05	423.99	423.99	424.60 +	423.81	11
12	423.60	424.32	423.75	424.05	424.21	424.71	423.93	424.02	424.01	423.98	424.53	423.77	12
13	423.62	424.27	423.52	424.32	424.19	424.60	423.90	423.98	424.00	423.98	424.45	423.72	13
14	423.61	424.24	423.41	424.34	424.16	424.52	423.87	423.94	423.97	423.97	424.38	423.68	14
15	423.59	424.21	423.36	424.33	424.14	424.44	423.85	423.91	424.01	423.95	424.31	423.65	15
16	423.55	424.20	423.34	424.32	424.11	424.37	423.82	423.88	424.06	424.10	424.24	423.63	16
17	423.51	424.20	423.32	424.29	424.09	424.32	423.80	423.85	424.18	424.16	424.19	423.61	17
18	423.48	424.19	423.33	424.26	424.07	424.27	423.78	423.82	424.23	424.16	424.15	423.59 -	18
19	423.45	424.19	423.36	424.30	424.04	424.23	423.76	423.80	424.29 +	424.13	424.11	423.60	19
20	423.44	424.20	423.38	424.60	424.01	424.19	423.75	423.77	424.27	424.10	424.09	423.77	20
21	423.42	424.19	423.37	424.72 +	424.00 -	424.17	423.73	423.75	424.22	424.07	424.07 -	423.91	21
22	423.41	424.17	423.36	424.64	424.06	424.14	423.72	423.73	424.17	424.04	424.08	423.97	22
23	423.39	424.15	423.35	424.55	424.10	424.11	423.72	423.71	424.13	424.01	424.15	424.01	23
24	423.38	424.12	423.34	424.48	424.16	424.09	423.71	423.72	424.09	424.00	424.31	424.02	24
25	423.36	424.10	423.32	424.42	424.17	424.07	423.70	423.74	424.05	423.97	424.37	424.06	25
26	423.34	424.07	423.30 -	424.37	424.16	424.04	423.69	423.72	424.01	423.94	424.35	424.57	26
27	423.32 -	424.05	423.30 -	424.36	424.14	424.02	423.68 -	423.71	423.97	423.98	424.30	424.74 +	27
28	423.35	424.04	423.30 -	424.37	424.13	423.99	423.68 -	423.70	423.94	424.03	424.25	424.63	28
29	423.43		423.36	424.34	424.18	423.97	424.13	423.69	423.91	424.13	424.21	424.53	29
30	423.58		423.41	424.30	424.22	423.95 -	424.48 +	423.67	423.88	424.18 +	424.20	424.46	30
31	423.71		423.49	424.27 +			424.43	423.66 -		424.17		424.39	31
Monatsmittel	423.55 -	424.23	423.60	424.08	424.14	424.34 +	423.88	423.91	423.95	423.98	424.29	424.02	
Maximum	424.02 -	424.43	424.07	424.73	424.42	424.89 +	424.50	424.39	424.30	424.18	424.61	424.78	
Datum	01.01	09.02	10.03	21.04	31.05	01.06	30.07	01.08	19.09	30.10	11.11	27.12	
Amplitude	0.70	0.70	0.78	1.23	0.43	0.95	0.83	0.73	0.70	0.42	0.55	1.20	
Jahr 2013	Mittel	423.99 m ü.M.		Maximum	424.89 (01.Jun)		Minimum	423.29 (28.Mrz)		Amplitude	1.60 m		



Periode	2002 - 2013												
Monatsmittel	424.08	424.09	424.01	424.08	424.00	423.96	423.89 -	423.91	423.95	423.89 -	423.96	424.21 +	
Maximum	424.76	424.45 -	424.72	425.06	424.54	424.89	424.56	425.64 +	425.52	425.02	424.93	424.99	
Jahr	2010	2007	2007	2008	2010	2013	2012	2007	2006	2006	2012	2010	
Minimum	423.32	423.59 +	423.29	423.50	423.51	423.38	423.31	423.38	423.36	423.33	423.06	423.05 -	
Jahr	2013	2011	2013	2013	2011	2009	2009	2011	2011	2011	2011	2011	
Amplitude	0.95	0.70 -	0.78	1.30	0.85	0.95	1.06	1.57 +	1.44	1.12	1.30	1.45	
Jahr	2010	2013	2013	2012	2010	2013	2009	2007	2006	2012	2012	2011	
Periode	Mittel	424.00 m ü.M.		Maximum	425.64 (09.Aug 2007)		Minimum	423.05 (02.Dez 2011)		Amplitude	2.59 m		

Darstellung der letzten 12 Jahre

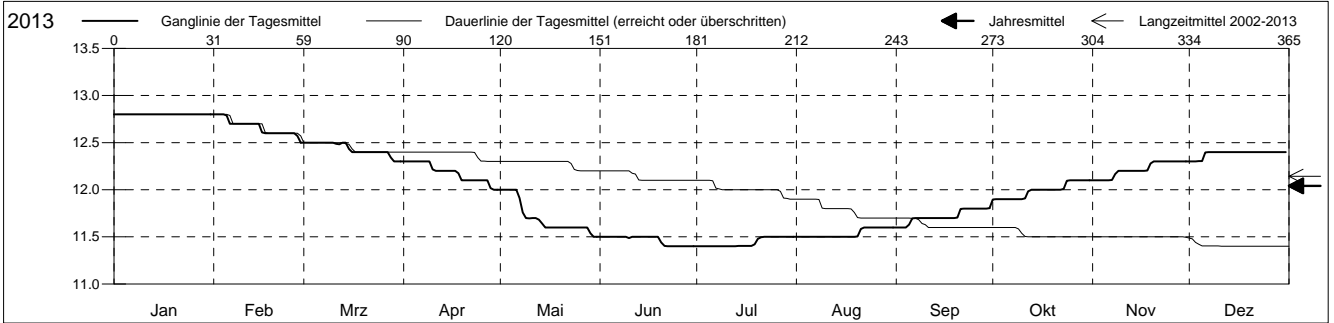


**Grundwassertemperatur**

Frenketal  
 Hölstein 86.J.22 Kirchgasse  
 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	12.8 +	12.8 +	12.5 +	12.3 +	12.0 +	11.5 +	11.4 -	11.5 -	11.6 -	11.9 -	12.1 -	12.3 -	1
2	12.8 +	12.8 +	12.5 +	12.3 +	12.0 +	11.5 +	11.4 -	11.5 -	11.6 -	11.9 -	12.1 -	12.3 -	2
3	12.8 +	12.8 +	12.5 +	12.3 +	12.0 +	11.5 +	11.4 -	11.5 -	11.6 -	11.9 -	12.1 -	12.3 -	3
4	12.8 +	12.8 +	12.5 +	12.3 +	12.0 +	11.5 +	11.4 -	11.5 -	11.6 -	11.9 -	12.1 -	12.3 -	4
5	12.8 +	12.8 +	12.5 +	12.3 +	12.0 +	11.5 +	11.4 -	11.5 -	11.6 -	11.9 -	12.1 -	12.3 -	5
Tagesmittel													
6	12.8 +	12.7	12.5 +	12.3 +	12.0 +	11.5 +	11.4 -	11.5 -	11.7	11.9 -	12.1 -	12.4 +	6
7	12.8 +	12.7	12.5 +	12.3 +	11.9	11.5 +	11.4 -	11.5 -	11.7	11.9 -	12.1 -	12.4 +	7
8	12.8 +	12.7	12.5 +	12.3 +	11.8	11.5 +	11.4 -	11.5 -	11.7	11.9 -	12.2	12.4 +	8
9	12.8 +	12.7	12.5 +	12.3 +	11.7	11.5 +	11.4 -	11.5 -	11.7	11.9 -	12.2	12.4 +	9
10	12.8 +	12.7	12.5 +	12.2	11.7	11.5 +	11.4 -	11.5 -	11.7	11.9 -	12.2	12.4 +	10
11	12.8 +	12.7	12.5 +	12.2	11.7	11.5 +	11.4 -	11.5 -	11.7	11.9 -	12.2	12.4 +	11
12	12.8 +	12.7	12.5 +	12.2	11.7	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	12
13	12.8 +	12.7	12.5 +	12.2	11.7	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	13
14	12.8 +	12.7	12.5 +	12.2	11.6	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	14
15	12.8 +	12.7	12.4	12.2	11.6	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	15
Max. +													
16	12.8 +	12.6	12.4	12.2	11.6	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	16
17	12.8 +	12.6	12.4	12.2	11.6	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	17
18	12.8 +	12.6	12.4	12.2	11.6	11.5 +	11.4 -	11.5 -	11.7	12.0	12.2	12.4 +	18
19	12.8 +	12.6	12.4	12.1	11.6	11.5 +	11.4 -	11.5 -	11.7	12.0	12.3 +	12.4 +	19
20	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.5 -	11.7	12.0	12.3 +	12.4 +	20
Min. -													
21	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.0	12.3 +	12.4 +	21
22	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.0	12.3 +	12.4 +	22
23	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.0	12.3 +	12.4 +	23
24	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	24
25	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	25
26	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	26
27	12.8 +	12.6	12.4	12.1	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	27
28	12.8 +	12.5 -	12.3 -	12.0 -	11.6	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	28
29	12.8 +		12.3 -	12.0 -	11.5 -	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	29
30	12.8 +		12.3 -	12.0 -	11.5 -	11.4 -	11.5 +	11.6 +	11.8 +	12.1 +	12.3 +	12.4 +	30
31	12.8 +		12.3 -		11.5 -		11.5 +	11.6 +		12.1 +		12.4 +	31
Monatsmittel	12.8 +	12.7	12.4	12.2	11.7	11.5	11.4 -	11.5	11.7	12.0	12.2	12.4	
Maximum	12.8 +	12.8 +	12.5	12.3	12.0	11.5 -	11.5 -	11.6	11.9	12.1	12.3	12.4	
Datum	01.01	01.02	01.03	01.04	01.05	01.06	14.07	20.08	30.09	23.10	18.11	04.12	
Minimum	12.8 +	12.5	12.3	12.0	11.5	11.4 -	11.4 -	11.5	11.6	11.8	12.1	12.3	
Datum	01.01	27.02	28.03	28.04	29.05	10.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.0 +	0.3	0.2	0.3	0.5	0.1	0.1	0.1	0.3	0.3	0.2	0.1	
Jahr 2013	Mittel	12.0 °C		Maximum	12.8 (01.Jan)		Minimum	11.4 (10.Jun)		Amplitude	1.4 °C		



Periode	2002 - 2013												
Monatsmittel	12.6 +	12.5	12.3	12.1	11.8	11.7 -	11.7 -	11.8	12.0	12.2	12.4	12.6 +	
Maximum	12.8 +	12.8 +	12.6	12.4	12.1	11.9 -	12.0	12.2	12.4	12.6	12.8 +	12.8 +	
Jahr	2008	2008	2008	2012	2007	2007	2007	2007	2007	2007	2007	2007	
Minimum	12.4 +	12.2	12.0	11.7	11.5	11.4 -	11.4 -	11.5	11.6	11.8	12.1	12.3	
Jahr	2011	2011	2009	2009	2009	2009	2009	2009	2006	2013	2013	2013	
Amplitude	0.1 -	0.3	0.3	0.3	0.5 +	0.1 -	0.1 -	0.2	0.3	0.3	0.3	0.2	
Jahr	2010	2013	2008	2008	2013	2008	2007	2012	2010	2006	2011	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 12 Jahre

