

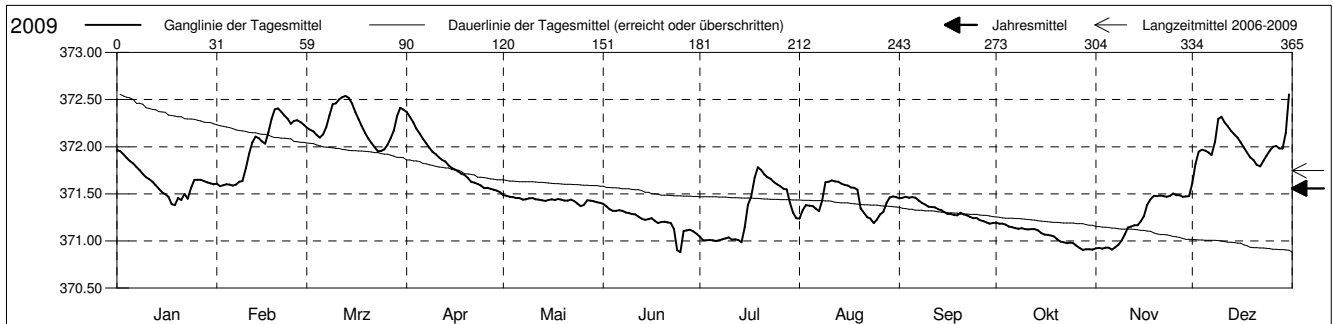
Grundwasserstände



Frenketal
 Bubendorf 33.K.4 Talhaus
 Abstichpunkt: 378.52 m ü.M.
 OK Terrain: 378.74 m ü.M.

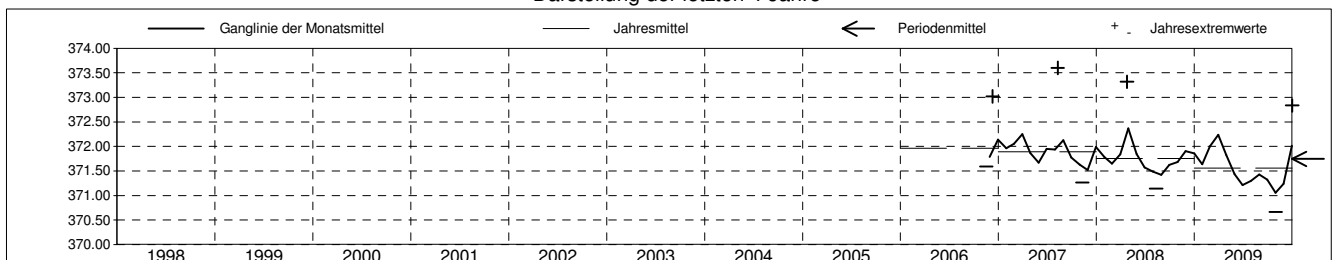
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 623546.00 / 255281.00

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	371.96 +	371.61	372.20	372.37 +	371.49 +	371.39 +	371.04	371.24	371.45	371.19 +	370.92	371.61 -	1
2	371.96 +	371.58 -	372.18	372.32	371.48	371.37	371.01	371.32	371.46	371.18	370.93	371.82	2
3	371.92	371.59	372.16	372.26	371.47	371.34	371.01	371.38	371.47 +	371.18	370.92	371.95	3
4	371.88	371.60	372.12	372.19	371.47	371.32	371.01	371.37	371.46	371.17	370.93	371.97	4
5	371.85	371.60	372.10	372.14	371.46	371.32	371.01	371.37	371.46	371.15	370.93	371.96	5
Tagesmittel													
6	371.82	371.59	372.13	372.08	371.46	371.33	371.00	371.34	371.46	371.15	370.91 -	371.94	6
7	371.79	371.60	372.21	372.03	371.44	371.32	371.01	371.31	371.43	371.13	370.93	371.91	7
8	371.75	371.63	372.34	371.99	371.44	371.30	371.02	371.43	371.41	371.13	370.96	372.05	8
9	371.71	371.64	372.45	371.94	371.45	371.30	371.03	371.62	371.39	371.14	371.00	372.29	9
10	371.68	371.78	372.46	371.92	371.45	371.28	371.04	371.63	371.36	371.13	371.07	372.32	10
11	371.66	371.93	372.50	371.89	371.44	371.28	371.01	371.64 +	371.36	371.12	371.14	372.26	11
12	371.63	372.05	372.52	371.86	371.44	371.26	371.02	371.63	371.35	371.13	371.15	372.21	12
13	371.59	372.11	372.54 +	371.84	371.43	371.23	371.01	371.63	371.34	371.13	371.17	372.17	13
14	371.56	372.09	372.52	371.80	371.42	371.22	370.99 -	371.61	371.33	371.11	371.17	372.13	14
15	371.52	372.06	372.46	371.77	371.44	371.23	371.15	371.59	371.31	371.09	371.21	372.10	15
Max. +													
16	371.49	372.03	372.36	371.76	371.44	371.24	371.38	371.59	371.29	371.07	371.26	372.05	16
17	371.47	372.15	372.29	371.74	371.44	371.21	371.47	371.57	371.29	371.06	371.38	371.99	17
18	371.39	372.29	372.22	371.71	371.45	371.19	371.67	371.56	371.27	371.06	371.44	371.94	18
19	371.38 -	372.40	372.15	371.70	371.44	371.20	371.78 +	371.54	371.27	371.05	371.48	371.89	19
20	371.46	372.41 +	372.09	371.66	371.43	371.20	371.76	371.35	371.30	371.02	371.47	371.86	20
Min. -													
21	371.43	372.37	372.04	371.63	371.43	371.20	371.71	371.29	371.28	370.99	371.48	371.81	21
22	371.50	372.33	371.99	371.62	371.44	371.19	371.68	371.25	371.27	370.99	371.47	371.79	22
23	371.45	372.30	371.95 -	371.60	371.42	371.13	371.66	371.24	371.25	370.98	371.47	371.85	23
24	371.57	372.24	371.96	371.59	371.40	370.90	371.62	371.19 -	371.24	370.98	371.48	371.90	24
25	371.65	372.27	371.97	371.56	371.37 -	370.88 -	371.60	371.23	371.24	370.98	371.50 +	371.96	25
26	371.65	372.28	372.02	371.57	371.38	371.10	371.58	371.28	371.22	370.95	371.49	372.00	26
27	371.65	372.26	372.09	371.56	371.43	371.11	371.55	371.31	371.21	370.93	371.49	372.01	27
28	371.63	372.23	372.17	371.54	371.43	371.12	371.55	371.41	371.20	370.90 -	371.47	371.98	28
29	371.62		372.32	371.53	371.42	371.10	371.41	371.46	371.18 -	370.91	371.47	371.98	29
30	371.61		372.41	371.52 -	371.41	371.07	371.30	371.47	371.19	370.91	371.48	372.15	30
31	371.60		372.39		371.40		371.24	371.47		370.91		372.55 +	31
Monatsmittel	371.64	372.00	372.24 +	371.82	371.44	371.21	371.30	371.43	371.32	371.06 -	371.24	372.01	
Maximum	372.11	372.41	372.66	372.46	371.62	371.52	371.90	371.78	371.60	371.34 -	371.64	372.83 +	
Datum	01.01	19.02	13.03	01.04	01.05	01.06	19.07	11.08	02.09	01.10	30.11	31.12	
Amplitude	0.82	1.00	0.86	1.10	0.44	0.82	1.14	0.72	0.63	0.67	0.96	1.46	
Jahr 2009	Mittel	371.56 m ü.M.		Maximum	372.83 (31.Dez)			Minimum	370.66 (31.Okt)			Amplitude	2.17 m



Periode	2006 - 2009												
Monatsmittel	371.80	371.90	372.11 +	372.02	371.65	371.58	371.57	371.66	371.57	371.46 -	371.61	372.00	
Maximum	372.23	372.49	372.89	373.32	372.39	372.51	372.21	373.60 +	372.17 -	372.89	372.85	373.02	
Jahr	2007	2007	2007	2008	2008	2007	2007	2007	2008	2008	2008	2006	
Minimum	371.29	371.33	371.35	371.36	371.18	370.70	370.77	371.06	370.97	370.66 -	370.68	371.37 +	
Jahr	2009	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	
Amplitude	0.82 -	1.00	1.13	1.66	0.88	1.01	1.14	2.05 +	1.02	1.59	1.42	1.46	
Jahr	2009	2009	2007	2008	2008	2007	2009	2007	2008	2008	2008	2009	
Periode	Mittel	371.75 m ü.M.		Maximum	373.60 (10.Aug 2007)			Minimum	370.66 (31.Okt 2009)			Amplitude	2.94 m

Darstellung der letzten 4 Jahre



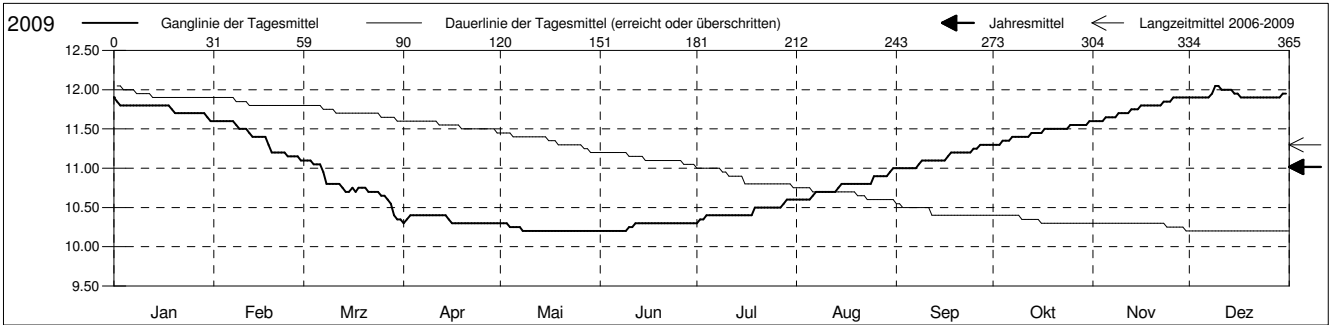
Grundwassertemperatur



Frenketal
 Bubendorf 33.K.4 Talhaus
 Abstichpunkt: 378.52 m ü.M.
 OK Terrain: 378.74 m ü.M.

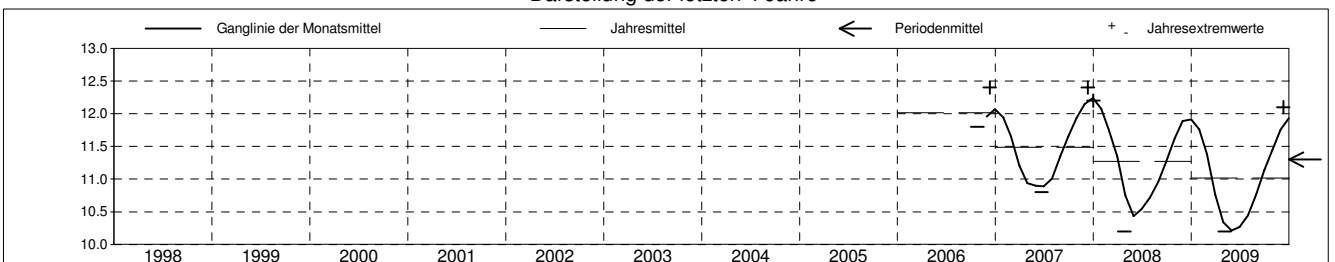
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 623546.00 / 255281.00

2009	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.9 +	11.6 +	11.1 +	10.3 -	10.3 +	10.2 -	10.3 -	10.6 -	11.0 -	11.3 -	11.6 -	11.9 -	1
2	11.9 +	11.6 +	11.1 +	10.4 +	10.3 +	10.2 -	10.4	10.6 -	11.0 -	11.3 -	11.6 -	11.9 -	2
3	11.8	11.6 +	11.1 +	10.4 +	10.3 +	10.2 -	10.4	10.6 -	11.0 -	11.3 -	11.6 -	11.9 -	3
4	11.8	11.6 +	11.1 +	10.4 +	10.3 +	10.2 -	10.4	10.6 -	11.0 -	11.4	11.6 -	11.9 -	4
5	11.8	11.6 +	11.1 +	10.4 +	10.3 +	10.2 -	10.4	10.6 -	11.0 -	11.4	11.6 -	11.9 -	5
Tagesmittel													
6	11.8	11.6 +	11.1 +	10.4 +	10.3 +	10.2 -	10.4	10.6 -	11.0 -	11.4	11.6 -	11.9 -	6
7	11.8	11.6 +	10.9	10.4 +	10.3 +	10.2 -	10.4	10.7	11.0 -	11.4	11.6 -	11.9 -	7
8	11.8	11.6 +	10.8	10.4 +	10.2 -	10.2 -	10.4	10.7	11.1	11.4	11.6 -	11.9 -	8
9	11.8	11.5	10.8	10.4 +	10.2 -	10.2 -	10.4	10.7	11.1	11.4	11.7	12.1 +	9
10	11.8	11.5	10.8	10.4 +	10.2 -	10.3 +	10.4	10.7	11.1	11.4	11.7	12.1 +	10
11	11.8	11.5	10.8	10.4 +	10.2 -	10.3 +	10.4	10.7	11.1	11.4	11.7	12.0	11
12	11.8	11.4	10.8	10.4 +	10.2 -	10.3 +	10.4	10.7	11.1	11.4	11.7	12.0	12
13	11.8	11.4	10.8	10.4 +	10.2 -	10.3 +	10.4	10.7	11.1	11.4	11.8	12.0	13
14	11.8	11.4	10.7	10.4 +	10.2 -	10.3 +	10.4	10.8	11.1	11.4	11.8	12.0	14
15	11.8	11.4	10.7	10.4 +	10.2 -	10.3 +	10.4	10.8	11.1	11.4	11.8	11.9 -	15
Max. +													
16	11.8	11.4	10.8	10.3 -	10.2 -	10.3 +	10.4	10.8	11.1	11.4	11.8	11.9 -	16
17	11.8	11.4	10.7	10.3 -	10.2 -	10.3 +	10.4	10.8	11.1	11.5	11.8	11.9 -	17
18	11.8	11.3	10.8	10.3 -	10.2 -	10.3 +	10.4	10.8	11.2	11.5	11.8	11.9 -	18
19	11.8	11.2	10.8	10.3 -	10.2 -	10.3 +	10.5	10.8	11.2	11.5	11.8	11.9 -	19
20	11.7	11.2	10.8	10.3 -	10.2 -	10.3 +	10.5	10.8	11.2	11.5	11.8	11.9 -	20
Min. -													
21	11.7	11.2	10.7	10.3 -	10.2 -	10.3 +	10.5	10.8	11.2	11.5	11.8	11.9 -	21
22	11.7	11.2	10.7	10.3 -	10.2 -	10.3 +	10.5	10.8	11.2	11.5	11.8	11.9 -	22
23	11.7	11.2	10.7	10.3 -	10.2 -	10.3 +	10.5	10.8	11.2	11.5	11.9 +	11.9 -	23
24	11.7	11.1 -	10.7	10.3 -	10.2 -	10.3 +	10.5	10.8	11.2	11.5	11.9 +	11.9 -	24
25	11.7	11.1 -	10.6	10.3 -	10.2 -	10.3 +	10.5	10.9	11.3 +	11.6 +	11.9 +	11.9 -	25
26	11.7	11.1 -	10.6	10.3 -	10.2 -	10.3 +	10.5	10.9	11.3 +	11.6 +	11.9 +	11.9 -	26
27	11.7	11.1 -	10.6	10.3 -	10.2 -	10.3 +	10.5	10.9	11.3 +	11.6 +	11.9 +	11.9 -	27
28	11.7	11.1 -	10.6	10.3 -	10.2 -	10.3 +	10.6 +	10.9	11.3 +	11.6 +	11.9 +	11.9 -	28
29	11.7		10.4 -	10.3 -	10.2 -	10.3 +	10.6 +	10.9	11.3 +	11.6 +	11.9 +	11.9 -	29
30	11.6 -		10.4 -	10.3 -	10.2 -	10.3 +	10.6 +	10.9	11.3 +	11.6 +	11.9 +	11.9 -	30
31	11.6 -		10.4 -		10.2 -		10.6 +	11.0 +		11.6 +		11.9 -	31
Monatsmittel	11.8	11.4	10.8	10.3	10.2 -	10.3	10.4	10.8	11.1	11.5	11.8	11.9 +	
Maximum	11.9	11.6	11.1	10.4	10.3 -	10.3 -	10.6	11.0	11.3	11.6	11.9	12.1 +	
Datum	01.01	01.02	01.03	02.04	01.05	10.06	28.07	30.08	25.09	25.10	23.11	09.12	
Minimum	11.6	11.1	10.3	10.3	10.2 -	10.2 -	10.3	10.6	11.0	11.3	11.6	11.9 +	
Datum	30.01	24.02	29.03	01.04	04.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.3	0.5	0.8	0.1	0.1	0.1	0.3	0.4	0.3	0.3	0.3	0.2	
Jahr 2009	Mittel	11.0 °C		Maximum	12.1 (09.Dez)		Minimum	10.2 (04.Mai)		Amplitude	1.9 °C		



Periode	2006 - 2009												
Monatsmittel	11.9	11.6	11.1	10.7	10.5 -	10.6	10.7	11.0	11.4	11.7	11.9	12.0 +	
Maximum	12.2	11.9	11.6	11.1	10.9 -	10.9 -	11.1	11.6	11.8	12.2	12.2	12.4 +	
Jahr	2008	2008	2008	2008	2007	2007	2007	2007	2007	2008	2007	2006	
Minimum	11.6	11.1	10.3	10.2 -	10.2 -	10.2 -	10.3	10.6	11.0	11.3	11.6	11.9 +	
Jahr	2009	2009	2009	2008	2009	2009	2009	2009	2009	2009	2009	2008	
Amplitude	0.3	0.5	0.8	0.9 +	0.1 -	0.1 -	0.3	0.5	0.3	0.8	0.4	0.4	
Jahr	2008	2009	2009	2008	2008	2008	2009	2007	2007	2008	2008	2006	
Periode	Mittel	11.3 °C		Maximum	12.4 (10.Dez 2006)		Minimum	10.2 (25.Apr 2008)		Amplitude	2.2 °C		

Darstellung der letzten 4 Jahre



Grundwasserspiegel im Frenketal

Station 33.K.4 Bubendorf

Talhaus

Opm 214840

Koordinaten: 623'546.0 / 255'281.0

OK.Rohr
378.52 m ü.M.

OK. Terrain
378.74 m ü.M.

Messwerte: Grundwasserspiegel
Temperatur (ab Okt. 2006)

