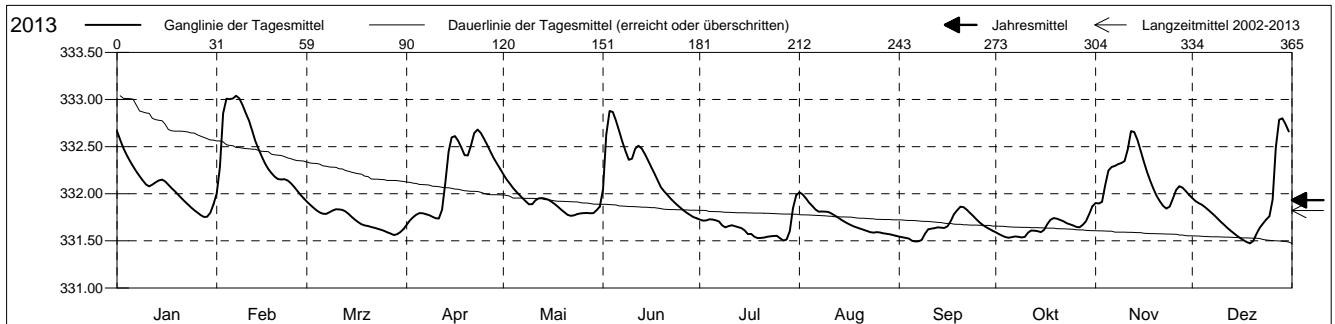


Grundwasserstände

Frenketal
Liestal 39.J.14 Gräubern
Abstichpunkt: 0.00 m ü.M.
OK Terrain: 0.00 m ü.M.

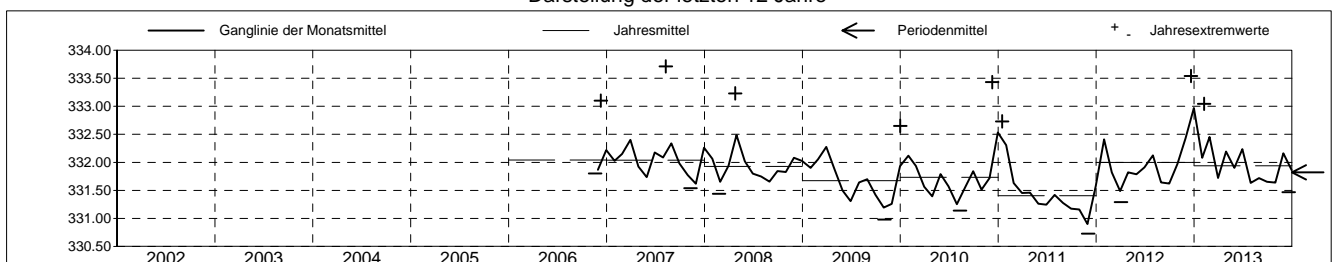
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
Koordinaten: 0.00 / 0.00

2013	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	332.66 +	332.00	331.92 +	331.67 -	332.21 +	332.05	331.73	332.02 +	331.55	331.59	331.90	331.95	1
2	332.57	332.28	331.88	331.72	332.15	332.63	331.71	331.99	331.54	331.57	331.90	331.92	2
3	332.49	332.85	331.85	331.75	332.11	332.88 +	331.72	331.95	331.53	331.56	331.91	331.90	3
4	332.41	333.01	331.82	331.78	332.06	332.87	331.73	331.91	331.52	331.54	332.09	331.88	4
5	332.35	333.00	331.80	331.79	332.02	332.78	331.73	331.87	331.50	331.53 -	332.25	331.86	5
Tagesmittel													
6	332.29	333.01	331.79	331.79	331.99	332.66	331.72	331.83	331.49 -	331.54	332.28	331.83	6
7	332.24	333.04 +	331.79	331.78	331.95	332.55	331.71	331.81	331.50	331.55	332.29	331.80	7
8	332.19	333.01	331.80	331.77	331.92	332.45	331.66	331.81	331.51	331.54	332.31	331.77	8
9	332.14	332.94	331.82	331.76	331.89	332.36	331.64	331.81	331.57	331.54	332.33	331.73	9
10	332.10	332.86	331.84	331.74	331.89	332.37	331.66	331.81	331.62	331.54	332.35	331.70	10
11	332.08	332.77	331.83	331.74	331.93	332.48	331.67	331.79	331.63	331.59	332.47	331.67	11
12	332.10	332.67	331.83	331.83	331.95	332.51	331.66	331.77	331.63	331.61	332.66 +	331.64	12
13	332.12	332.56	331.81	332.13	331.95	332.48	331.65	331.75	331.64	331.61	332.66 +	331.61	13
14	332.14	332.47	331.78	332.45	331.95	332.42	331.63	331.72	331.64	331.60	332.57	331.58	14
15	332.15	332.40	331.75	332.60	331.94	332.35	331.61	331.70	331.64	331.59	332.46	331.55	15
Max. +													
16	332.13	332.32	331.72	332.61	331.92	332.28	331.57	331.68	331.66	331.62	332.34	331.53	16
17	332.09	332.26	331.70	332.56	331.89	332.21	331.57	331.67	331.71	331.68	332.23	331.51	17
18	332.06	332.22	331.68	332.49	331.86	332.14	331.54	331.65	331.78	331.72	332.13	331.49	18
19	332.03	332.18	331.66	332.41	331.83	332.07	331.53	331.64	331.83	331.74	332.05	331.47 -	19
20	331.99	332.16	331.66	332.41	331.80	332.03	331.53	331.63	331.86 +	331.74	331.98	331.50	20
Min. -													
21	331.96	332.15	331.65	332.51	331.78	331.99	331.53	331.62	331.86 +	331.72	331.92	331.58	21
22	331.92	332.15	331.64	332.64	331.77 -	331.95	331.54	331.60	331.83	331.71	331.87	331.64	22
23	331.89	332.14	331.63	332.68 +	331.77 -	331.91	331.55	331.59	331.80	331.69	331.84 -	331.69	23
24	331.86	332.11	331.62	332.65	331.78	331.88	331.55	331.59	331.76	331.68	331.86	331.73	24
25	331.83	332.07	331.61	332.59	331.79	331.85	331.55	331.59	331.73	331.66	331.95	331.76	25
26	331.80	332.03	331.59	332.52	331.79	331.82	331.53	331.59	331.70	331.65	332.04	331.94	26
27	331.77	331.99	331.58	332.45	331.80	331.80	331.50 -	331.58	331.67	331.64	332.08	332.49	27
28	331.75 -	331.95 -	331.56 -	332.38	331.79	331.78	331.51	331.57	331.64	331.67	332.07	332.79	28
29	331.76		331.57	332.32	331.79	331.75	331.60	331.57	331.63	331.71	332.03	332.80 +	29
30	331.80		331.59	332.27	331.83	331.74 -	331.85	331.56	331.61	331.78	331.99	332.74	30
31	331.89		331.63	331.87	331.87		331.98 +	331.55 -		331.87 +		332.66	31
Monatsmittel	332.08	332.45 +	331.72	332.19	331.90	332.23	331.63 -	331.72	331.65	331.64	332.16	331.86	
Maximum	332.70	333.04 +	331.93	332.68	332.23	332.90	332.01	332.02	331.87 -	331.89	332.69	332.82	
Datum	01.01	07.02	01.03	23.04	01.05	03.06	31.07	01.08	20.09	31.10	12.11	28.12	
Amplitude	0.95	1.11	0.37	1.04	0.47	1.16	0.51	0.47	0.38	0.36	0.85	1.35	
Jahr 2013	Mittel	331.93 m ü.M.		Maximum	333.04 (07.Feb)		Minimum	331.47 (19.Dez)		Amplitude	1.57 m		



Periode	2002 - 2013												
Monatsmittel	332.13	331.96	331.84	331.88	331.71	331.75	331.70	331.70	331.65	331.58 -	331.75	332.17 +	
Maximum	333.05	333.04	333.06	333.23	332.57	332.90	332.92	333.71 +	332.47 -	333.01	333.35	333.54	
Jahr	2010	2013	2007	2008	2008	2013	2012	2007	2008	2008	2012	2012	
Minimum	331.67 +	331.44	331.31	331.26	331.11	331.12	331.15	331.14	331.10	331.01	330.75	330.73 -	
Jahr	2009	2008	2012	2010	2011	2011	2009	2010	2011	2009	2011	2011	
Amplitude	1.34	1.11	1.07	1.29	1.17	1.16	1.25	1.90 +	0.94 -	1.34	1.39	1.72	
Jahr	2010	2013	2007	2012	2010	2013	2009	2007	2008	2012	2012	2010	
Periode	Mittel	331.82 m ü.M.		Maximum	333.71 (10.Aug 2007)		Minimum	330.73 (02.Dez 2011)		Amplitude	2.98 m		

Darstellung der letzten 12 Jahre

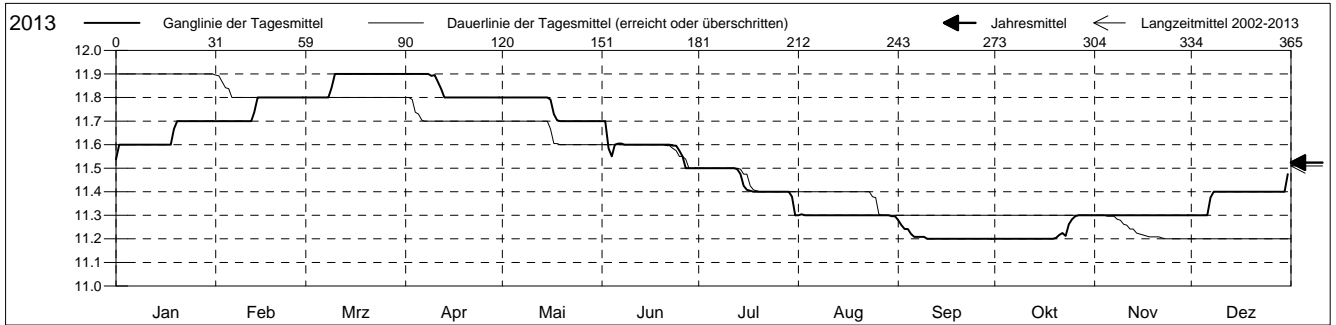


Grundwassertemperatur

Frenketal
 Liestal 39.J.14 Gräubern
 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	11.5 -	11.7 -	11.8 -	11.9 +	11.8 +	11.7 +	11.5 +	11.3 +	11.3 +	11.2 -	11.3 +	11.3 -	1
2	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.7 +	11.5 +	11.3 +	11.3 +	11.2 -	11.3 +	11.3 -	2
3	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.3 -	3
4	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.3 -	4
5	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.3 -	5
Tagesmittel													
6	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.3 -	6
7	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	7
8	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	8
9	11.6	11.7 -	11.8 -	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	9
10	11.6	11.7 -	11.9 +	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	10
11	11.6	11.7 -	11.9 +	11.9 +	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	11
12	11.6	11.7 -	11.9 +	11.8 -	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	12
13	11.6	11.7 -	11.9 +	11.8 -	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	13
14	11.6	11.8 +	11.9 +	11.8 -	11.8 +	11.6	11.5 +	11.3 +	11.2 -	11.2 -	11.3 +	11.4	14
15	11.6	11.8 +	11.9 +	11.8 -	11.8 +	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	15
Max. +													
16	11.6	11.8 +	11.9 +	11.8 -	11.8 +	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	16
17	11.6	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	17
18	11.6	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	18
19	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	19
20	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	20
Min. -													
21	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	21
22	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	22
23	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.2 -	11.3 +	11.4	23
24	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	24
25	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	25
26	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.6	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	26
27	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.5 -	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	27
28	11.7 +	11.8 +	11.9 +	11.8 -	11.7 -	11.5 -	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	28
29	11.7 +		11.9 +	11.8 -	11.7 -	11.5 -	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	29
30	11.7 +		11.9 +	11.8 -	11.7 -	11.5 -	11.4	11.3 +	11.2 -	11.3 +	11.3 +	11.4	30
31	11.7 +		11.9 +		11.7 -		11.3 -	11.3 +		11.3 +		11.5 +	31
Monatsmittel	11.6	11.8	11.9 +	11.8	11.8	11.6	11.4	11.3	11.2 -	11.2 -	11.3	11.4	
Maximum	11.7	11.8	11.9 +	11.9 +	11.8	11.7	11.5	11.4	11.3 -	11.3 -	11.3 -	11.5	
Datum	19.01	13.02	09.03	01.04	01.05	01.06	01.07	02.08	01.09	20.10	01.11	31.12	
Minimum	11.5	11.7	11.8 +	11.8 +	11.7	11.5	11.3	11.2 -	11.2 -	11.2 -	11.3	11.3	
Datum	01.01	01.02	01.03	09.04	16.05	03.06	30.07	30.08	01.09	01.10	01.11	01.12	
Amplitude	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0 +	0.2	
Jahr 2013	Mittel	11.5 °C		Maximum	11.9 (09.Mrz)		Minimum	11.2 (30.Aug)		Amplitude	0.7 °C		



Periode	2002 - 2013												
Monatsmittel	11.5	11.7	11.8 +	11.8 +	11.7	11.6	11.4	11.3 -	11.3 -	11.3 -	11.3 -	11.4	
Maximum	11.7	11.9	12.0 +	12.0 +	11.9	11.8	11.7	11.5	11.4 -	11.4 -	11.5	11.5	
Jahr	2008	2012	2008	2008	2008	2008	2012	2012	2007	2007	2007	2007	
Minimum	11.2	11.4	11.6 +	11.6 +	11.6 +	11.4	11.3	11.2	11.2	10.9 -	10.9 -	11.0	
Jahr	2007	2007	2007	2008	2009	2009	2009	2009	2008	2006	2006	2006	
Amplitude	0.4 +	0.3	0.4 +	0.4 +	0.2	0.2	0.2	0.2	0.2	0.1 -	0.1 -	0.2	
Jahr	2008	2008	2008	2008	2009	2009	2008	2013	2009	2008	2006	2006	
Periode	Mittel	11.5 °C		Maximum	12.0 (14.Mrz 2008)		Minimum	10.9 (25.Okt 2006)		Amplitude	1.1 °C		

Darstellung der letzten 12 Jahre

