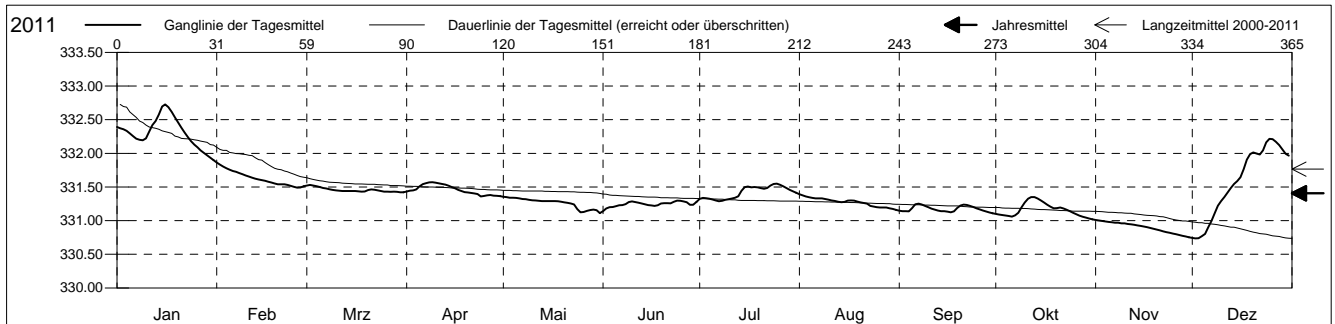


Grundwasserstände

Frenketal
 Liestal 39.J.14 Gräubern
 Abstichpunkt: 339.49 m ü.M.
 OK Terrain: 339.70 m ü.M.

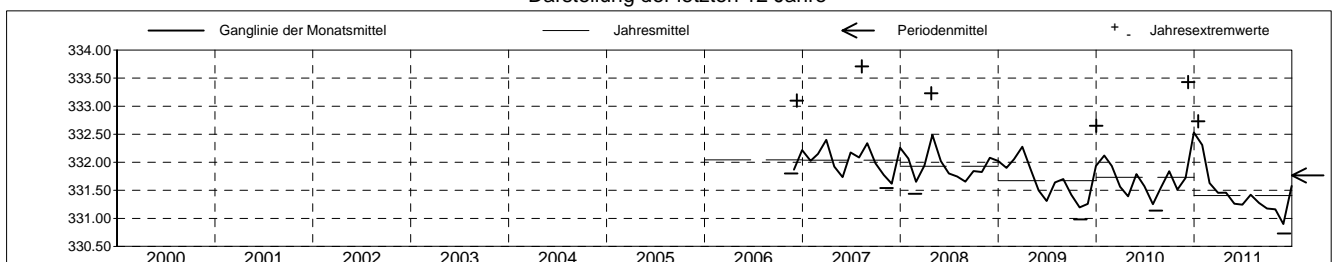
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	332.39	331.86 +	331.52	331.43	331.35 +	331.14 -	331.32	331.39 +	331.15	331.10	331.01 +	330.74	1
2	332.37	331.83	331.53 +	331.45	331.35 +	331.18	331.34	331.38	331.14	331.09	331.00	330.73 -	2
3	332.36	331.80	331.52	331.45	331.34	331.20	331.33	331.36	331.14	331.08	331.00	330.74	3
4	332.33	331.78	331.51	331.46	331.34	331.20	331.33	331.35	331.14	331.08	330.99	330.77	4
5	332.30	331.76	331.50	331.51	331.34	331.21	331.31	331.34	331.18	331.07	330.98	330.80	5
6	332.26	331.74	331.49	331.54	331.33	331.23	331.30	331.33	331.24	331.06	330.98	330.90	6
7	332.22	331.73	331.48	331.56	331.32	331.23	331.29 -	331.33	331.25 +	331.08	330.97	330.99	7
8	332.20	331.71	331.47	331.57 +	331.32	331.25	331.29 -	331.33	331.24	331.12	330.97	331.11	8
9	332.19	331.69	331.46	331.57 +	331.31	331.27	331.31	331.32	331.22	331.20	330.96	331.22	9
10	332.22	331.67	331.45	331.56	331.30	331.29	331.32	331.31	331.20	331.27	330.96	331.29	10
11	332.32	331.65	331.45	331.55	331.30	331.28	331.33	331.30	331.18	331.33	330.95	331.35	11
12	332.42	331.64	331.44	331.55	331.29	331.27	331.34	331.29	331.16	331.35 +	330.95	331.42	12
13	332.48	331.62	331.44	331.54	331.29	331.26	331.36	331.28	331.15	331.35 +	330.94	331.49	13
14	332.57	331.61	331.44	331.52	331.29	331.24	331.44	331.27	331.14	331.33	330.93	331.54	14
15	332.70	331.60	331.44	331.50	331.29	331.23	331.50	331.28	331.14	331.30	330.92	331.59	15
16	332.73 +	331.59	331.44	331.48	331.29	331.23	331.51	331.30	331.13	331.27	330.91	331.64	16
17	332.69	331.58	331.43	331.46	331.29	331.22	331.50	331.30	331.12	331.24	330.90	331.76	17
18	332.61	331.57	331.43	331.44	331.29	331.23	331.50	331.30	331.14	331.21	330.89	331.91	18
19	332.53	331.55	331.43	331.42	331.28	331.25	331.50	331.28	331.19	331.18	330.88	331.99	19
20	332.46	331.54	331.46	331.42	331.27	331.26	331.48	331.27	331.22	331.19	330.87	332.01	20
21	332.38	331.54	331.46	331.41	331.26	331.26	331.47	331.26	331.24	331.20	330.85	332.00	21
22	332.31	331.54	331.46	331.40	331.26	331.26	331.49	331.25	331.23	331.18	330.84	331.98	22
23	332.24	331.53	331.45	331.40	331.24	331.28	331.52	331.22	331.22	331.16	330.83	332.04	23
24	332.18	331.52	331.44	331.36 -	331.17	331.30 +	331.55 +	331.21	331.20	331.14	330.82	332.16	24
25	332.13	331.50	331.43	331.37	331.13	331.29	331.55 +	331.20	331.18	331.12	330.81	332.22 +	25
26	332.09	331.49 -	331.43	331.38	331.13	331.29	331.53	331.20	331.17	331.09	330.80	332.21	26
27	332.04	331.49 -	331.43	331.38	331.15	331.27	331.51	331.20	331.15	331.08	330.79	332.17	27
28	332.01	331.51	331.43	331.37	331.16	331.24	331.48	331.20	331.14	331.06	330.77	332.12	28
29	331.97		331.43	331.37	331.16	331.23	331.46	331.18	331.12	331.04	330.76	332.06	29
30	331.93		331.42 -	331.36 -	331.16	331.28	331.43	331.17	331.11 -	331.03	330.75 -	331.99	30
31	331.90 -		331.42 -		331.11 -		331.41	331.16 -		331.02 -		331.96	31
Monatsmittel	332.31 +	331.63	331.46	331.46	331.26	331.25	331.42	331.28	331.17	331.16	330.90 -	331.58	
Maximum Datum	332.73 + 15.01	331.88 01.02	331.53 01.03	331.57 08.04	331.36 01.05	331.30 24.06	331.55 24.07	331.40 01.08	331.26 07.09	331.36 13.10	331.02 - 01.11	332.22 25.12	
Amplitude	0.85	0.39	0.11	0.22	0.25	0.18	0.27	0.25	0.16	0.34	0.27	1.49	
Jahr 2011	Mittel	331.41 m ü.M.		Maximum	332.73 (15.Jan)		Minimum	330.73 (02.Dez)		Amplitude	2.00 m		



Periode	2000 - 2011												
Monatsmittel	332.08	331.88	331.93	331.83	331.66	331.62	331.63	331.71	331.65	331.49 -	331.57	332.09 +	
Maximum Jahr	333.05 2010	332.56 2007	333.06 2007	333.23 2008	332.57 2008	332.68 2007	332.42 - 2007	333.71 + 2007	332.47 2008	333.01 2008	333.02 2008	333.43 2010	
Minimum Jahr	331.67 + 2009	331.44 2008	331.39 2010	331.26 2010	331.11 2011	331.12 2011	331.15 2009	331.14 2010	331.10 2011	331.01 2009	330.75 2011	330.73 - 2011	
Amplitude Jahr	1.34 2010	0.77 - 2009	1.07 2007	1.29 2008	1.17 2010	0.83 2007	1.25 2009	1.90 + 2007	0.94 2008	1.33 2008	1.24 2008	1.72 2010	
Periode	Mittel	331.77 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

Abstichpunkt: OK Terrain:

39.J.14

339.49

339.70

Gräubern

m ü.M.

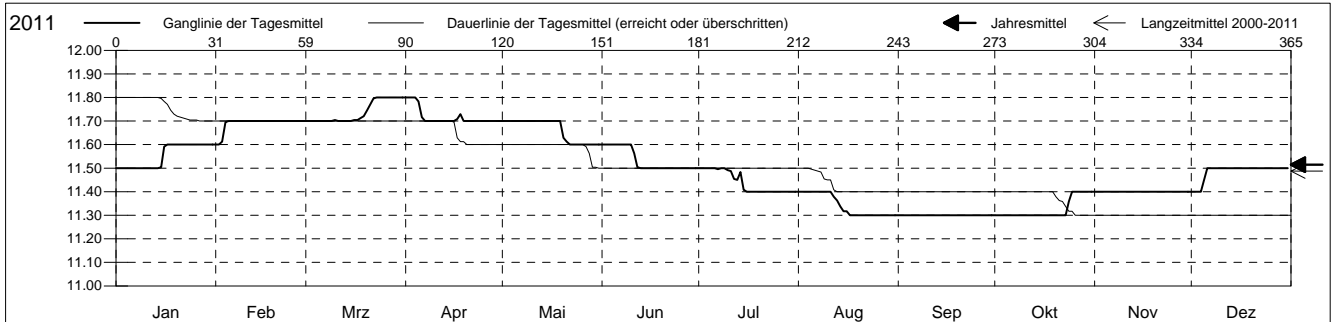
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

Koordinaten: 0.00 / 0.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	11.5 -	11.6 -	11.7 -	11.8 +	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.4 -	1
2	11.5 -	11.6 -	11.7 -	11.8 +	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.4 -	2
3	11.5 -	11.6 -	11.7 -	11.8 +	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.4 -	3
4	11.5 -	11.7 +	11.7 -	11.8 +	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.4 -	4
5	11.5 -	11.7 +	11.7 -	11.8 +	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.4 -	5
6	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	6
7	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	7
8	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	8
9	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	9
10	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	10
11	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.6 +	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	11
12	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.5 +	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	12
13	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.4 -	11.4 +	11.3 +	11.3 -	11.4 +	11.5 +	13
14	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.5 +	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	14
15	11.5 -	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	15
16	11.6 +	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	16
17	11.6 +	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	17
18	11.6 +	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	18
19	11.6 +	11.7 +	11.7 -	11.7 -	11.7 +	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	19
20	11.6 +	11.7 +	11.7 -	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	20
21	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	21
22	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	22
23	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.3 -	11.4 +	11.5 +	23
24	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	24
25	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	25
26	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	26
27	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	27
28	11.6 +	11.7 +	11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	28
29	11.6 +		11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	29
30	11.6 +		11.8 +	11.7 -	11.6 -	11.5 -	11.4 -	11.3 -	11.3 +	11.4 +	11.4 +	11.5 +	30
31	11.6 +		11.8 +		11.6 -		11.4 -	11.3 -		11.4 +		11.5 +	31
Monatsmittel	11.6	11.7 +	11.7 +	11.7 +	11.7 +	11.5	11.4	11.3 -	11.3 -	11.3 -	11.4	11.5	
Maximum	11.6	11.7	11.8 +	11.8 +	11.7	11.6	11.5	11.4	11.3 -	11.4	11.4	11.5	
Datum	15.01	03.02	10.03	01.04	01.05	01.06	01.07	01.08	01.09	24.10	01.11	05.12	
Minimum	11.5	11.6	11.7 +	11.7 +	11.6	11.5	11.4	11.3 -	11.3 -	11.3 -	11.4	11.4	
Datum	01.01	01.02	01.03	05.04	20.05	11.06	07.07	12.08	01.09	01.10	01.11	01.12	
Amplitude	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0 +	0.1	0.0 +	0.1	
Jahr 2011	Mittel	11.5 °C		Maximum	11.8 (10.Mrz)		Minimum	11.3 (12.Aug)		Amplitude	0.5 °C		



Periode	2000 - 2011												
Monatsmittel	11.5	11.6	11.8 +	11.8 +	11.7	11.6	11.4	11.3 -	11.3 -	11.3 -	11.3 -	11.4	
Maximum	11.7	11.8	12.5 +	12.0	11.9	11.8	11.6	11.4 -	11.4 -	11.4 -	11.5	11.5	
Jahr	2008	2009	2008	2008	2008	2008	2008	2007	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	0.9 +	0.4	0.2	0.2	0.2	0.1 -	0.2	0.1 -	0.1 -	0.2	
Jahr	2008	2008	2008	2008	2009	2009	2008	2009	2009	2008	2006	2006	
Periode	Mittel	11.5 °C		Maximum	12.5 (13.Mrz 2008)		Minimum	10.9 (25.Okt 2006)		Amplitude	1.6 °C		

Darstellung der letzten 12 Jahre

