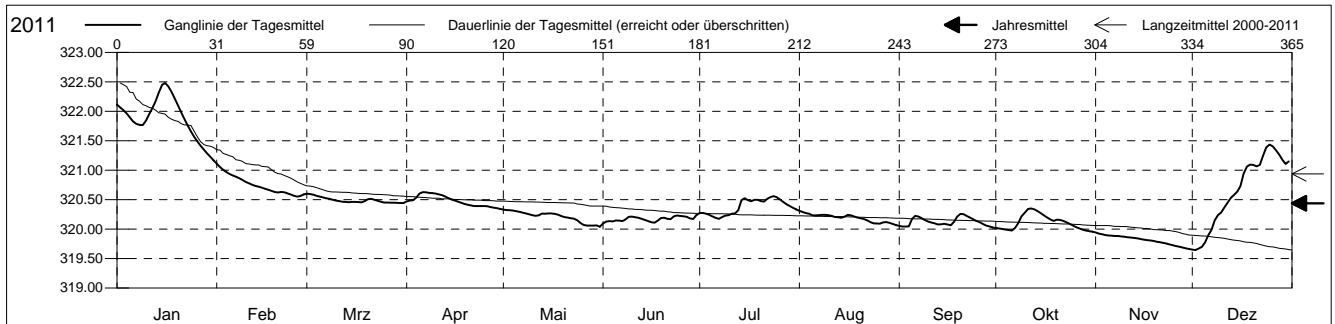


**Grundwasserstände**

Frenketal  
 Liestal 39.H.7 Hanro  
 Abstichpunkt: 327.73 m ü.M.  
 OK Terrain: 327.40 m ü.M.

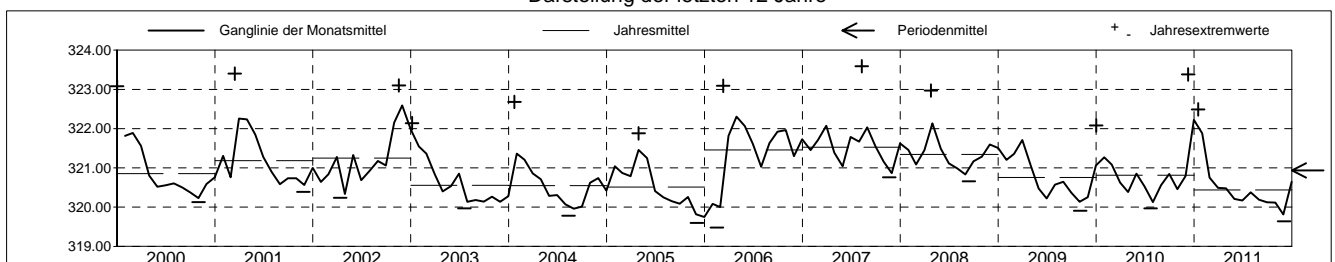
**Amt für Umweltschutz und Energie**  
**Kanton Basel-Landschaft**  
 Koordinaten: 0.00 / 0.00

2011	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	322.11	321.11 +	320.60 +	320.47	320.33 +	320.09 -	320.27	320.31 +	320.05	320.02	319.94 +	319.65	1
2	322.07	321.05	320.59	320.48	320.32	320.13	320.27	320.29	320.04	320.01	319.92	319.64 -	2
3	322.02	321.01	320.58	320.49	320.32	320.14	320.26	320.27	320.04	320.00	319.91	319.67	3
4	321.96	320.96	320.56	320.53	320.31	320.13	320.24	320.26	320.04	319.99	319.90	319.70	4
5	321.90	320.93	320.55	320.60	320.30	320.15	320.21	320.23	320.17	319.98	319.89	319.77	5
Tagesmittel													
6	321.83	320.91	320.54	320.63 +	320.29	320.14	320.19	320.23	320.22	319.97	319.89	319.89	6
7	321.79	320.89	320.52	320.62	320.28	320.14	320.17 -	320.24	320.21	320.02	319.88	319.99	7
8	321.77	320.86	320.51	320.61	320.27	320.16	320.21	320.24	320.18	320.10	319.88	320.15	8
9	321.77	320.83	320.50	320.61	320.25	320.21	320.23	320.24	320.15	320.22	319.87	320.23	9
10	321.84	320.80	320.48	320.60	320.24	320.21	320.24	320.23	320.13	320.28	319.87	320.28	10
11	321.95	320.78	320.47	320.59	320.23	320.20	320.26	320.23	320.11	320.34	319.86	320.37	11
12	322.05	320.75	320.46	320.57	320.23	320.19	320.26	320.21	320.10	320.35 +	319.85	320.45	12
13	322.17	320.73	320.46	320.55	320.26	320.17	320.32	320.20	320.08	320.33	319.85	320.53	13
14	322.32	320.72	320.46	320.52	320.26	320.15	320.49	320.19	320.08	320.30	319.84	320.58	14
15	322.45	320.70	320.46	320.50	320.27	320.14	320.52	320.21	320.09	320.27	319.83	320.64	15
Max. +													
16	322.48 +	320.68	320.46	320.48	320.27	320.12	320.49	320.24	320.08	320.23	319.82	320.73	16
17	322.42	320.67	320.46	320.46	320.26	320.11	320.47	320.23	320.07	320.19	319.81	320.94	17
18	322.32	320.65	320.45	320.44	320.24	320.14	320.50	320.21	320.12	320.16	319.81	321.06	18
19	322.21	320.63	320.48	320.43	320.22	320.18	320.50	320.20	320.21	320.14	319.80	321.09	19
20	322.09	320.62	320.51	320.41	320.20	320.19	320.47	320.18	320.26 +	320.16	319.79	321.09	20
Min. -													
21	321.98	320.63	320.51	320.40	320.19	320.17	320.47	320.17	320.25	320.15	319.78	321.06	21
22	321.86	320.62	320.50	320.39	320.18	320.17	320.51	320.15	320.22	320.14	319.77	321.09	22
23	321.76	320.60	320.48	320.39	320.18	320.22	320.54	320.12	320.19	320.11	319.75	321.24	23
24	321.66	320.59	320.46	320.39	320.15	320.23	320.56 +	320.10	320.17	320.09	319.74	321.39	24
25	321.56	320.56	320.45	320.39	320.10	320.22	320.54	320.09	320.14	320.06	319.72	321.43 +	25
26	321.49	320.55 -	320.45	320.39	320.07	320.22	320.50	320.09	320.11	320.03	319.71	321.41	26
27	321.42	320.56	320.45	320.37	320.06	320.21	320.46	320.11	320.09	320.01	319.70	321.34	27
28	321.35	320.59	320.45	320.36	320.06	320.18	320.42	320.12	320.06	319.99	319.69	321.26	28
29	321.29		320.44 -	320.35	320.06	320.17	320.39	320.11	320.04	319.98	319.67	321.17	29
30	321.23		320.44 -	320.34 -	320.06	320.24 +	320.36	320.09	320.03 -	319.96	319.66 -	321.11	30
31	321.17 -		320.44 -		320.04 -		320.33	320.07 -		319.95 -		321.15	31
Monatsmittel	321.88 +	320.75	320.49	320.48	320.21	320.17	320.38	320.19	320.12	320.11	319.81 -	320.65	
Maximum	322.49 +	321.14	320.60	320.63	320.34	320.26	320.56	320.32	320.26	320.36	319.95 -	321.44	
Datum	16.01	01.02	01.03	06.04	01.05	30.06	24.07	01.08	20.09	11.10	01.11	25.12	
Amplitude	1.35	0.59	0.16	0.29	0.31	0.20	0.39	0.26	0.24	0.41	0.29	1.80	
Jahr 2011	Mittel	320.44 m ü.M.		Maximum	322.49 (16.Jan)			Minimum	319.64 (02.Dez)			Amplitude	2.85 m



Periode	2000 - 2011												
Monatsmittel	321.26	321.08	321.31 +	321.14	320.99	320.79	320.64 -	320.70	320.70	320.78	320.76	321.08	
Maximum	323.08	322.64	323.40	323.07	322.33	322.52	322.05 -	323.59 +	323.00	323.00	323.10	323.38	
Jahr	2000	2000	2001	2001	2001	2007	2007	2007	2006	2002	2002	2010	
Minimum	319.79	319.48 -	320.32 +	320.17	320.03	320.06	319.97	319.78	319.95	319.91	319.62	319.60	
Jahr	2006	2006	2005	2010	2011	2011	2003	2004	2004	2004	2005	2005	
Amplitude	2.61	1.44 -	2.98 +	1.57	1.65	1.83	1.57	2.39	1.88	2.26	1.75	2.59	
Jahr	2004	2000	2001	2008	2002	2003	2002	2007	2006	2004	2004	2010	
Periode	Mittel	320.94 m ü.M.		Maximum	323.59 (10.Aug 2007)			Minimum	319.48 (15.Feb 2006)			Amplitude	4.11 m

Darstellung der letzten 12 Jahre



**Grundwassertemperatur**

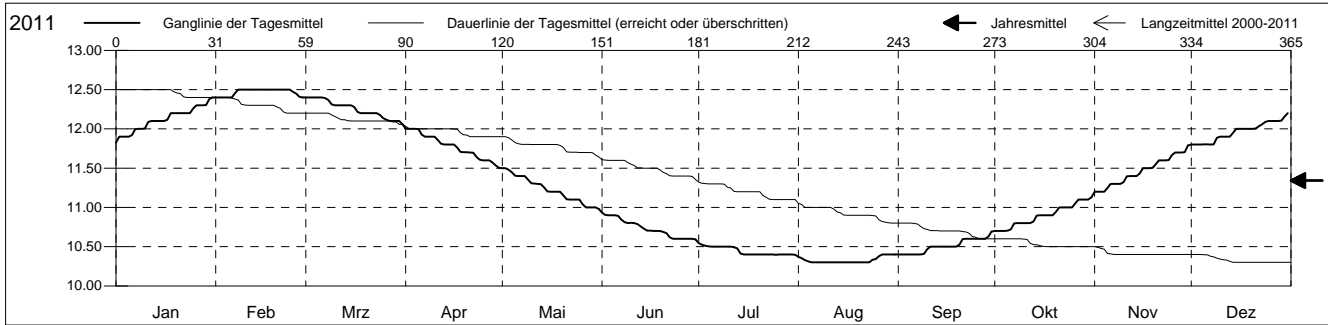
Frenketal

Liestal 39.H.7 Hanro  
 Abstichpunkt: 327.73 m ü.M.  
 OK Terrain: 327.40 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	11.8 -	12.4 -	12.4 +	12.0 +	11.5 +	10.9 +	10.5 +	10.4 +	10.4 -	10.7 -	11.2 -	11.8 -	1
2	11.9	12.4 -	12.4 +	12.0 +	11.5 +	10.9 +	10.5 +	10.4 +	10.4 -	10.7 -	11.2 -	11.8 -	2
3	11.9	12.4 -	12.4 +	12.0 +	11.5 +	10.9 +	10.5 +	10.3 -	10.4 -	10.7 -	11.2 -	11.8 -	3
4	11.9	12.4 -	12.4 +	12.0 +	11.4	10.9 +	10.5 +	10.3 -	10.4 -	10.7 -	11.2 -	11.8 -	4
5	11.9	12.4 -	12.4 +	12.0 +	11.4	10.9 +	10.5 +	10.3 -	10.4 -	10.7 -	11.2 -	11.8 -	5
Tagesmittel													
6	11.9	12.4 -	12.4 +	11.9	11.4	10.9 +	10.5 +	10.3 -	10.4 -	10.7 -	11.3	11.8 -	6
7	12.0	12.5 +	12.4 +	11.9	11.4	10.8	10.5 +	10.3 -	10.4 -	10.8	11.3	11.8 -	7
8	12.0	12.5 +	12.4 +	11.9	11.4	10.8	10.5 +	10.3 -	10.4 -	10.8	11.3	11.8 -	8
9	12.0	12.5 +	12.3	11.9	11.4	10.8	10.5 +	10.3 -	10.4 -	10.8	11.3	11.9	9
10	12.0	12.5 +	12.3	11.9	11.3	10.8	10.5 +	10.3 -	10.5	10.8	11.3	11.9	10
11	12.1	12.5 +	12.3	11.9	11.3	10.8	10.5 +	10.3 -	10.5	10.8	11.4	11.9	11
12	12.1	12.5 +	12.3	11.8	11.3	10.8	10.5 +	10.3 -	10.5	10.8	11.4	11.9	12
13	12.1	12.5 +	12.3	11.8	11.3	10.8	10.5 +	10.3 -	10.5	10.8	11.4	11.9	13
14	12.1	12.5 +	12.3	11.8	11.3	10.7	10.4 -	10.3 -	10.5	10.9	11.4	11.9	14
15	12.1	12.5 +	12.3	11.8	11.2	10.7	10.4 -	10.3 -	10.5	10.9	11.4	12.0	15
Max. +													
16	12.1	12.5 +	12.3	11.8	11.2	10.7	10.4 -	10.3 -	10.5	10.9	11.5	12.0	16
17	12.1	12.5 +	12.2	11.8	11.2	10.7	10.4 -	10.3 -	10.5	10.9	11.5	12.0	17
18	12.2	12.5 +	12.2	11.7	11.2	10.7	10.4 -	10.3 -	10.5	10.9	11.5	12.0	18
19	12.2	12.5 +	12.2	11.7	11.2	10.7	10.4 -	10.3 -	10.5	10.9	11.5	12.0	19
20	12.2	12.5 +	12.2	11.7	11.1	10.7	10.4 -	10.3 -	10.5	10.9	11.6	12.0	20
Min. -													
21	12.2	12.5 +	12.2	11.7	11.1	10.7	10.4 -	10.3 -	10.6	11.0	11.6	12.0	21
22	12.2	12.5 +	12.2	11.7	11.1	10.6 -	10.4 -	10.3 -	10.6	11.0	11.6	12.0	22
23	12.2	12.5 +	12.2	11.6	11.1	10.6 -	10.4 -	10.3 -	10.6	11.0	11.6	12.1	23
24	12.2	12.5 +	12.2	11.6	11.1	10.6 -	10.4 -	10.3 -	10.6	11.0	11.6	12.1	24
25	12.3	12.5 +	12.1 -	11.6	11.1	10.6 -	10.4 -	10.3 -	10.6	11.0	11.7	12.1	25
26	12.3	12.4 -	12.1 -	11.6	11.0 -	10.6 -	10.4 -	10.4 +	10.6	11.1 +	11.7	12.1	26
27	12.3	12.4 -	12.1 -	11.6	11.0 -	10.6 -	10.4 -	10.4 +	10.6	11.1 +	11.7	12.1	27
28	12.3	12.4 -	12.1 -	11.6	11.0 -	10.6 -	10.4 -	10.4 +	10.6	11.1 +	11.7	12.1	28
29	12.3	12.4 -	12.1 -	11.5 -	11.0 -	10.6 -	10.4 -	10.4 +	10.6	11.1 +	11.7	12.1	29
30	12.4 +	12.1 -	11.5 -	11.0 -	10.6 -	10.6 -	10.4 -	10.4 +	10.7 +	11.1 +	11.8 +	12.2 +	30
31	12.4 +	12.1 -	11.5 -	11.0 -	10.6 -	10.6 -	10.4 -	10.4 +	10.7 +	11.1 +	11.8 +	12.2 +	31
Monatsmittel	12.1	12.5 +	12.3	11.8	11.2	10.7	10.4	10.3 -	10.5	10.9	11.5	12.0	
Maximum	12.4	12.5 +	12.4	12.1	11.6	11.0	10.6	10.4 -	10.7	11.2	11.8	12.2	
Datum	29.01	07.02	01.03	01.04	04.05	01.06	01.07	01.08	29.09	31.10	29.11	29.12	
Minimum	11.8	12.4 +	12.0	11.5	10.9	10.5	10.3 -	10.3 -	10.4	10.7	11.2	11.8	
Datum	01.01	01.02	31.03	28.04	31.05	30.06	25.07	01.08	01.09	01.10	01.11	01.12	
Amplitude	0.6	0.1	0.4	0.6	0.7	0.5	0.3	0.1	0.3	0.5	0.6	0.4	
Jahr 2011	Mittel	11.3 °C		Maximum	12.5 (07.Feb)		Minimum	10.3 (25.Jul)		Amplitude	2.2 °C		



Periode	2000 - 2011												
Monatsmittel	12.5	12.7 +	12.4	11.9	11.2	10.7	10.3	10.2 -	10.3	10.7	11.4	12.0	
Maximum	12.9	13.0 +	12.9	12.5	12.0	11.4	10.9 -	11.0	11.1	11.8	12.4	12.7	
Jahr	2007	2007	2007	2007	2010	2010	2010	2007	2007	2007	2007	2007	
Minimum	11.8	12.4 +	12.0	11.3	10.5	10.0	9.8	9.7 -	9.8	10.1	10.7	11.4	
Jahr	2011	2008	2008	2008	2008	2008	2008	2008	2008	2006	2009	2009	
Amplitude	0.6	0.4 -	0.5	0.9	1.0	0.6	0.4 -	0.6	0.5	0.8	1.1 +	0.7	
Jahr	2011	2008	2009	2009	2008	2010	2010	2007	2007	2008	2006	2006	
Periode	Mittel	11.4 °C		Maximum	13.0 (06.Feb 2007)		Minimum	9.7 (10.Aug 2008)		Amplitude	3.3 °C		

Darstellung der letzten 12 Jahre

